

Ceres

Product Catalogue



- IP67 Mated Or Unmated
- Metal or Plastic
- Mating Style: 2 or 3 Points Lock Bayonet, Screw Thread, Push Lock
- Assembly Style: Solder, Screw-in, PCB 180°, PCB 90°, Crimp
- Power, Data / Signal, Hybrid
- Flammability UL 94V-0
- UV Resistant



Contents

1	Product Selection Guide
11	Served Markets & Applications
15	Our Service
21	Markets / Applications
23	Product Range Overview
25	Contact Configuration
27	Mini A Size (LED)
37	Standard B Size
60	Middle C Size
84	Large D Size
107	Macro E Size & Other Sizes
110	Assembly Instruction
113	Cable List
116	UL Style
122	FAQ and Lexicon



IP 67



Corrosion
Resistant



High Mating
Durability



UV
Resistant



UL
Recognized

Product Selection Guide

Circular (Ceres, X-Lok, M)

	Mating Style						Materials	No. of Contacts	Contacts		Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	High Speed		Salt Spray (Connector, Mated)
	2 Points Lock	3 Points Lock	Push Lock	Push Pull	Screw Thread	Others			Gold Plated	Silver Plated					Cat. 5e	Cat. 6A	
Ceres Series																	
Mini	•				•		B	2-6	•		250V	2A-5A	26-24	2,000			500h
Standard	•				•		B	2-12	•		250-600V	2A-10A 5A+2A 10A+5A	26-20	2,000			500h
Middle	•	•			•		P	2-18	•	•	250-600V	2A-20A 5A+2A 10A+2A 10A+5A	24-14	2,000			500h
Large	•				•		B	2-22	•	•	250-600V	2A-20A 20A+2A 20A+5A	26-16	2,000			500h
Macro	•						P	31	•		200V	5A	26	2,000			500h
PLD			•				P	2-4	•		250V	5A	26-20	2,000			500h
MAB	•						P	4	•		250V	10A	20	2,000			500h
GBD		•					P	8	•		250V	10A+5A	20-24	2,000			500h
X-LOK Series																	
Mini / LED			•				B	2-33	•		30-630V	0.5A-16A	32-14	1,000	•	•	1000h
Standard			•				P	2-8	•		300-600V	5A-10A 10A+5A	26-16	1,000			1000h
Middle			•				P	2-12	•	•	300-600V	5A-20A 10A+5A	26-12	1,000			1000h
Large			•				B	2-100	•	•	60V (0.5A) 300-600V	0.5A-20A 20A+5A 50A 50A+5A	32-6	1,000			1000h
Macro			•				P	4-31	•	•	300-600V	5A 50A+5A 80A+5A	22-2	1,000			1000h
M Series																	
M5					•		M	3-6	•		60V	1A	28-26	1,000			48h
Guided M8 / LED					•	Snap-in	B	2-6	•		30-60V	2A-4A 3A+1.5A	24-22	1,000			48h
M8 / LED					•	Snap-in	B	3-13	•		30-60V	0.5A-4A	32-22	1,000			48h
M10.5					•		M	2-5	•		30V	2A	24	1,000			48h
M12 A / LED				•	•		B	3-28	•		30-250V	0.5A-4A	30-22	1,000	•		48h
M12 B / LED				•	•		B	5	•		60V	4A	26-22	1,000			48h
M12 D / LED				•	•		B	4	•		250V	4A	26-22	1,000	•		48h
M12 I				•	•		B	5	•		60V	4A	22	1,000			48h
M12 K / LED				•	•		B	3-5	•		630V	12A, 16A	14	1,000			48h
M12 L / LED				•	•		B	2-5	•		63V	16A	14	1,000			48h
M12 M / LED				•	•		B	3-6	•		630V	8A	16	1,000			48h
M12 S / LED				•	•		B	3-4	•		630V	12A	16	1,000			48h
M12 T / LED				•	•		B	2-4	•		63V	12A	16	1,000			48h
M12 X				•	•		M	8	•		30-60V	0.5A	26	1,000		•	48h
M12 Y				•	•		B	8	•		60V	0.5A / 6A	20, 26	1,000			48h
M23					•		M	6	•		600V	28A	14-12	1,000			48h

Remarks:

Materials: P (Plastic), M (Metal), B (Both)

Product Selection Guide

	(R0) Receptacle						(FI) Field Installable						OC	UV Resistant	UL 94V-0	Vibration	EMI Option	ROHS 2.0 & REACH	Standard / Compliant	Certifications	Operating Temperature & IP Rating	
	Solder	Crimp	SMT	PCB 180	PCB 90	RW	RC	Solder	Crimp	Screw In	Push In	IDC										
Ceres Series																						
Mini	•			•			•	•					•	•	•	(2)	•	•				
Standard	•			•	•		•	•	•				•	•	•	(2)	•	•		UL1977	◦ R0 : -40°C - 105°C, IP67 (Unmated)	
Middle	•			•			•	•	•				•	•	•	(2)		•		UL1977	◦ RW : -20°C - 85°C, IP67 (Unmated)	
Large	•			•				•	•	•			•	•	•	(2)	•	•		UL1977	◦ OC : -20°C - 85°C, IP67 (Mated)	
Macro	•			•									•	•	•	(2)		•		UL1977	◦ FI : -40°C - 105°C, IP67 (Mated)	
PLD	•								•					•	•	(2)		•				
MAB													•	•	•	(2)		•				
GBD													•	•	•	(2)		•				
X-LOK Series																						
Mini / LED	•			•	•			•	•	•	•		•	•	•	(2)	•	•			CSA, UL1977, UL2238, UL50e	◦ R0 & RW : -40°C - 105°C, IP68 (Unmated)
Standard	•			•				•	•	•	•		•	•	•	(2)	•	•				
Middle	•			•				•	•	•	•		•	•	•	(2)		•				
Large	•			•				•	•	•	•		•	•	•	(2)	•	•				
Macro	•	•		•					•	•			•	•	•	(2)		•				
M Series																						
M5	•			•	•	•							•	•	•	(1)		•	IEC 61076-2-105		◦ R0 : -40°C ~ 105°C, IP67 (Mated / Unmated), IP68 (Unmated), IP69K (Mated)	
Guided M8 / LED	•		•	•	•	•		•	•	•		•	•	•	•	(1)	•	•				
M8 / LED	•		•	•	•	•		•	•	•		•	•	•	•	(1)	•	•	IEC 61076-2-104	UL1977, UL2238		
M10.5	•					•							•	•	94-HB	(1)		•				
M12 A / LED	•		•	•	•	•		•	•	•	•	•	•	•	•	(1)	•	•	IEC 61076-2-101	UL1977, UL2238, UL1863		
M12 B / LED	•		•	•	•	•		•	•	•	•	•	•	•	•	(1)	•	•	IEC 61076-2-101	UL1977, UL2238		
M12 D / LED	•		•	•	•	•		•	•	•	•	•	•	•	•	(1)	•	•	IEC 61076-2-101	UL1977, UL2238, UL1863		
M12 I	•			•				•					•	•	94-HB	(1)		•				
M12 K / LED	•		•	•	•	•		•	•	•			•	•	•	(1)		•	IEC 61076-2-111	UL1977, UL2237		
M12 L / LED	•		•	•	•	•		•	•	•			•	•	•	(1)		•	IEC 61076-2-111	UL1977, UL2238		
M12 M / LED	•		•	•	•	•		•	•	•			•	•	•	(1)	•	•	IEC 61076-2-111			
M12 S / LED	•		•	•	•	•		•	•	•			•	•	•	(1)		•	IEC 61076-2-111	UL1977, UL2237		
M12 T / LED	•		•	•	•	•		•	•	•			•	•	•	(1)		•	IEC 61076-2-111	UL1977, UL2238		
M12 X			•	•	•	•		•	•			•	•	•	•	(1)	•	•	IEC 61076-2-109	UL1863		
M12 Y				•	•	•		•					•	•	•	(1)	•	•	IEC 61076-2-109	UL1863		
M23		•							•				•	•	•	(1)	•	•				

Remarks:
Assemble Style: **R0** (Receptacle), **RW** (Receptacle With Wires), **RC** (Receptacle With Overmolded Cable), **OC** (Overmolded With Cables), **FI** (Field Installable)
Vibration: **(1)** 10-500 Hz @Amplitude 0.35mm; **(2)** 10-55Hz @Amplitude 1.52mm
Operation Temperature & IP Rating: **R0** (Receptacle), **RW** (Receptacle With Wires), **OC** (Overmolded With Cables), **FI** (Field Installable)

Product Selection Guide

Circular (FLOS, Power, RBL)

	Mating Style						Materials	No. of Contacs	Contacts		Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	Salt Spray (Connector, Mated)	(R0) Receptacle		
	2 Points Lock	3 Points Lock	Push Lock	Push Pull	Screw Thread	Others			Gold Plated	Silver Plated						Solder	Crimp	Screw In
FLOS Series																		
B				•			M	2-32	•		160-700V	1.5A-25A	28-16	5,000	144h	•		
K				•			M	2-32	•		160-700V	1.5A-25A	28-16	5,000	144h	•		
K (FLOS+)				•			M	2-32	•		160-700V	1.5A-25A	28-16	5,000	1000h	•		
C				•			M	2-19	•		160-700V	1.5A-20A	28-16	3,000	144h	•		
S				•			M	1	•		260-1000V	15A	28-16	3,000	144h	•		
Y				•		Break Away	M	2-26	•		260-1000V	5A-14A	28-16	5,000	96h	•		
P				•			P	2-14	•		200-400V	2A-10A	28-16	2,000		•		
N				•			M	2-19	•		200-800V	5A-22A	28-16	3,000	144h	•		
Power Series																		
PWE					•		P	5-7	•		277V	8A	20-17	500	500h	•		
PWF					•		P	2-4	•		277V	12A	18-15	500	500h	•		
PWG					•		P	4	•		277V	16A	18-14	500	500h			•
PWC	•	•					P	3	•		277V	20A	14-12	500	500h	•		
PWCU	•	•					P	4 & 12	•		277V	20A+2A	14-12, 24-22	500	500h	•		
PWH		•			•		P	3, 5	•		660V (AC) 1000V (DC)	25A	12	500	500h		•	•
PWL		•					P	3	•		300V	30A	14-8	500	500h			•
PWM		•					P	2	•		600V	50A	9-8	500	720h	•		
PWMU		•					P	2+2, 2+4	•		600V	50A+2A	9-8, 22-20	500	720h	•		
PWN		•					P	2	•		600V	70A	8-6	500	720h	•		
PWNU		•					P	2+2, 2+4	•		600V	70A + 2A	8-6, 22-20	500	720h	•		
PWP		•					P	2 & 3	•		600V	80A	4	500	720h		•	
PWPD		•					P	2+2, 2+4, 3+2, 3+4	•		600V	80A+5A	4, 20	500	720h		•	
PWX		•					P	9 (30A) 14 (30A+5A) 5 (50A) 12 (50A+5A) 4 (80A) 7 (80A+5A)		•	300-600V	30A, 30A+5A 50A, 50A+5A 80A, 80A+5A	22-20, 14-8, 9-8, 4	500	720h		•	
RBL Series																		
Middle			With Latch				P	2-9	•		300V	5A-10A 10A+5A	20-16	250	48h			
Large			With Latch				P	2-18	•		300V	5A-20A 20A+5A	24-12	250	48h			

Remarks:

Materials: P (Plastic), M (Metal)

Assemble Style: R0 (Receptacle)

Product Selection Guide

	(R0) Receptacle		RW	(FI) Field Installable			OC	UV Resistant	UL 94V-0	Vibration	EMI Option	ROHS 2.0 & REACH	Certifications	IP Rating	Operating Temperature
	PCB 180	PCB 90		Solder	Crimp	Screw In									
FLOS Series															
B	•	•		•	•		•		•	(2)	•	•		IP50 (Mated)	◦ R0 : -40°C - 125°C ◦ OC : -20°C - 85°C ◦ FI : -40°C - 125°C
K	•	•		•	•		•		•	(2)	•	•		IP68 (Mated)	
K (FLOS+)	•	•		•	•		•		•	(2)	•	•		R0 : IP68 (Unmated) OC : IP68 (Mated) FI : IP68 (Mated)	
C	•	•		•	•		•		•	(2)	•	•		IP68 (Mated)	
S	•	•		•	•		•		•	(2)	•	•		IP50 (Mated)	
Y	•	•		•	•		•		•	(2)	•	•		IP68 (Mated)	
P	•	•		•	•		•	•	•	(2)		•		IP50 / IP66 (Mated)	
N	•	•		•	•		•		•	(2)	•	•		IP68 (Mated)	
Power Series															
PWE				•			•		94-HB	(2)		•	UL1977	IP67 / IP68	◦ R0 : -40°C - 105°C ◦ OC : -20°C ~ 80°C ◦ FI : -40°C ~ 105°C
PWF				•			•		94-HB	(2)		•	UL1977, TUV	IP67 / IP68	
PWG						•	•		•	(2)		•	UL1977	IP67 / IP68	
PWC				•		•	•	•	•	(2)		•	UL1977, TUV/UL2238	IP67 / IP68	
PWCU				•			•	•	•	(2)		•	UL1977, TUV	IP67 / IP68	
PWH					•	•	•	•	•	(2)		•	UL1977, UL6703A, TUV	IP67 / IP68	
PWL				•		•	•	•	•	(2)		•	UL2238/UL1977	IP67 / IP68	
PWM						•	•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWMIU						•	•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWNI						•	•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWNU						•	•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWP					•		•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWPD					•		•	•	•	(2)		•	UL1977	IP67 (Mated)	
PWX					•		•	•	•			•	UL1977	IP69K (Mated)	
RBL Series															
Middle			•		•		•	•	•	(2)		•	UL1977	RW : IP68 (Unmated) OC : IP68 (Mated) FI : IP67 (Mated)	◦ RW : -40°C ~ 105°C ◦ OC : -20°C ~ 80°C, Data: -20°C ~ 80°C Power: -20°C ~ 105°C Hybrid: -40°C ~ 105°C ◦ FI : -40°C ~ 105°C
Large			•		•		•	•	•	(2)		•			

Remarks:

Assemble Style: **R0** (Receptacle), **RW** (Receptacle With Wires), **OC** (Overmolded With Cables), **FI** (Field Installable)

Vibration: (2) 10-55Hz @Amplitude 1.52mm

Operation Temperature & IP Rating: **R0** (Receptacle), **RW** (Receptacle With Wires), **OC** (Overmolded With Cables), **FI** (Field Installable)

Product Selection Guide

Circular (HS-Lok, NMEA 2000, Mini, Heavy Duty Shielded)

	Mating Style		Materials	No. of Contacs	Contacts Gold Plated	Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	Salt Spray (Connector, Mated)	(R0) Receptacle			
	Push Pull	Screw Thread									Solder	PCB 180	PCB 90	RW
HS-Lok Series														
Q8	•		B	2-6	•	100V (DC), 300V, 300V (AC) + 100V (DC)	2A 5A 5A+2A	24-20	2,000	500h	•			
NMEA 2000														
Lite (Micro)	•	•	B	5	•	60V	4A	16*1P+20*1P 18*1P+22*1P 22*1P+24*1P	Push Pull 500, Screw Thread 1,000	Metal: 48h Plastic: 1,000h	•	•	•	•
Heavy (Mini)		•	M	4-5	•	600V	8A	15*1P+18*1P 16*1P+18*1P	1,000		•	•		
7/8" Mini														
7/8" Mini		•	M	2, 2+PE, 4, 4+PE, 6	•	600V	8A-13A	16	1,000	48h	•	•		•
Heavy Duty Shielded														
Heavy Duty Shielded		*	M	2-14	•	50-300V	5A-40A	22-8	1,000	48h / 500h	•			

Remarks:

Materials: **M** (Metal), **B** (Both)

Assemble Style: **R0** (Receptacle), **RW** (Receptacle With Wires)

Product Selection Guide

	(FI) Field Installable				OC	UV Resistant	UL 94V-0	Vibration	EMI Option	ROHS 2.0 & REACH	Certifications	IP Rating	Operating Temperature
	Solder	Crimp	Screw In	Push In									
HS-Lok Series													
Q8	•				•	•	(2)			•	UL2238, UL50e	R0: IP68 (Unmated) OC: IP68 (Mated) FI: IP68 (Mated)	◦ R0: -40°C - 105°C ◦ OC: -40°C - 105°C ◦ FI: -40°C - 105°C
NMEA 2000													
Lite (Micro)			•	•	•	•	(1)	•	•	•	NMEA 2000	R0: IP68 (Unmated) RW: IP68 (Unmated) OC: IP68 (Mated)	◦ R0: -40°C - 105°C ◦ RW: -20°C - 85°C ◦ OC: -20°C - 85°C
Heavy (Mini)			•	•	•	94-HB	(1)	•	•	•	NMEA 2000	FI: IP67 (Mated)	◦ FI: -40°C - 105°C
7/8" Mini													
7/8" Mini	•	•	•		•	•	(1)			•		R0: IP68 (Unmated) RW: IP68 (Unmated) OC: IP68 (Mated) FI: IP67 (Mated)	◦ R0: -40°C - 105°C ◦ OC: -40°C - 105°C ◦ FI: -40°C - 105°C
Heavy Duty Shielded													
Heavy Duty Shielded	•				•	•	94-HB	(1)	•	•		R0: IP68 (Unmated) OC: IP68 (Mated) FI: IP68 (Mated)	◦ R0: -40°C - 105°C ◦ RW: -20°C - 85°C ◦ OC: -20°C - 85°C ◦ FI: -40°C - 105°C

Remarks:

Assemble Style: **OC** (Overmolded With Cables), **FI** (Field Installable)

Vibration: **(1)** 10-500 Hz @Amplitude 0.35mm; **(2)** 10-55Hz @Amplitude 1.52mm

Operation Temperature & IP Rating: **R0** (Receptacle), **RW** (Receptacle With Wires), **OC** (Overmolded With Cables), **FI** (Field Installable)

Product Selection Guide

Other IO (RJ45, USB, D-Sub, SSL, HDMI, DVI)

	Mating Style					Materials	No. of Contacts	Gold Plated	Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	High Speed		
	2 Points Lock	3 Points Lock	Push Lock	Screw Thread	Others								Cat. 5e	Cat. 6A	USB 2.0
RJ45 Series															
Middle		•		•		B	8		44-57V (DC)	Max. 1.5A	Cat. 6A: 26 / Cat. 5e: 24	750	•	•	
Large / I-Adaptor	•	•		•		P	8		44-57V (DC)	Max. 1.5A	24	750	•		
ODVA	•					B	8		44-57V (DC)	Max. 1.5A	Cat. 6A: 26 / Cat. 5e: 24	750	•	•	
Self-Closing Cover						P	8		44-57V (DC)	Max. 1.5A		750	•	•	
USB Series															
Mini USB Type B				•		P		•	30V	1.5A	28*1P + 28*3C	5,000		•	
Type A	•			•		B		•	30V	USB 2.0: 1.5A USB 3.2 Gen1: 1A	28*1P + 24*2C	1,500		•	
Type B	•			•		B		•	30V	USB 2.0: 1.5A	28*1P + 24*2C	1,500		•	
Micro USB Swift						M		•	30V (AC) 5V (DC)	1 & 5 Pin: 1.8A 2, 3 & 4 Pin: 1A		10,000		•	
Micro USB Swift-MU					Snap-in	P		•	30V (AC) 5V (DC)	1 & 5 Pin: 1.8A 2, 3 & 4 Pin: 1A	28	10,000		•	
Type C Swift-LP						M		•	30V (DC)	Up To 5A	32*1P + 24*1C + 28*1D	10,000			
Type C Swift-LA					Snap-in	P		•	30V (DC)	Up To 3A	32*1P + 24*1C + 28*1D	10,000		•	
Type C Swift-GG				•		B		•	30V (DC)	Up To 5A	32*1P + 24*1C + 28*1D	10,000			
Type C Swift-XL			•			P		•	30V (DC)	Up To 3A	32*1P + 24*1C + 28*1D	10,000			
D-SUB Series															
Standard				•	Automated Latch	M	9, 15, 25, 37, 50*	•	125V (DC)	5A	24	500			
High Density				•	Automated Latch	M	15, 26, 44, 62*, 78*	•	125V (DC)	2A	26	500			
SSL Series															
SSL1.1			•			P	2-6	•	100V	3A	22	100			
SSL1.2			•			P	2-4	•	Wire: 250V Flat Cable: 300V	5A	22-18	Wire: 30 Flat Cable: 100			
HDMI Series															
Circular				•		P	19	•	30V (AC)	0.5A	26	500			
Rectangular			•		With Latch	P	19	•	30V (AC)	0.5A	26	500			
Mini-HDMI				•		P	19	•	30V (AC)	0.5A	30	500			
DVI Series															
DDD						M	25	•	40V (AC)	1.5A	28	100			
DDS						M	19	•	40V (AC)	1.5A	28	100			
DID						M	29	•	40V (AC)	1.5A	28	100			
DIS						M	23	•	40V (AC)	1.5A	28	100			

Remarks:
Materials: P (Plastic), M (Metal), B (Both)

Product Selection Guide

	High Speed		Salt Spray (Connector, Mated)	R0	RW	RP	OC	FI	UV Resistant	UL 94V-0	Vibration	EMI Option	ROHS 2.0 & REACH	Standard / Compliant / Certifications	Operating Temperature & IP Rating
	USB 3.2 Gen1	USB 3.2 Gen2													
RJ45 Series															
Middle			48h	PCB 90 & 180, Jack 90 & 180		•	•	•	•	•	(2)	•	•	TIA/EIA-568, IEC 60603-7	◦ R0 : -40°C - 105°C, IP67 (Unmated & Mated)
Large / I-Adaptor			48h	PCB180, Jack 90 & 180			•	•	•	•	(2)	•	•	TIA/EIA-568, IEC 60603-7	◦ RP : -20°C - 85°C, IP67 (Unmated & Mated)
ODVA			48h	Jack 180			•	•	•	•	(2)	•	•	TIA/EIA-568, IEC 60603-7	◦ OC : -20°C - 85°C, IP67 (Mated) ◦ FI : -40°C - 105°C, IP67 (Mated)
Self-Closing Cover			48h	•					•	•	(2)	•	•	TIA/EIA-568, IEC 60603-7	-40°C - 105°C, IP67 (Unmated)
USB Series															
Mini USB Type B			48h	•	•		•	•		94V-HB	(2)	•	•		◦ R0 : -40°C - 105°C, IP67 (Unmated)
Type A	•		48h	Type 1 & 2, Jack, PCB 180	•		•	Solder		•	(2)	•	•		◦ RW : -20°C - 85°C, IP67 (Unmated)
Type B	•		48h	Type 1 & 2, Jack, PCB 180	•		•	Solder		•	(2)	•	•		◦ OC : -20°C - 85°C, IP67P (Mated) ◦ FI : -40°C - 105°C, IP67 (Mated)
Micro USB Swift			48h	•						•	(2)	•	•		-30°C - 80°C, IP67/IP68 (Unmated)
Micro USB Swift-MU			48h				•			•	(2)	•	•		-40°C - 80°C, IP67 (Mated)
Type C Swift-LP		•	48h	•						•	(2)	•	•		-40°C - 85°C, IP67 (Unmated)
Type C Swift-LA	•		48h	•			•			•	(2)	•	•		◦ R0 : -40°C - 85°C, IP68 (Unmated) ◦ OC : -20°C - 85°C, IP67 (Mated)
Type C Swift-GG	•	•	48h	•			•			•	(2)	•	•		◦ R0 : -40°C - 85°C, IP67 (Unmated) ◦ OC : -20°C - 85°C, IP67 (Mated)
Type C Swift-XL	•		48h				•			•	(2)	•	•		◦ OC : -20°C - 85°C, IP68 (Mated)
D-SUB Series															
Standard			8h	Solder, PCB 90& 180			•	Solder, Crimp			(2)	•	•		◦ R0 : -40°C - 105°C, IP68 (Unmated) ◦ OC : -20°C - 85°C, IP67P (Mated)
High Density			8h	Solder, PCB 90& 180			•	Solder, Crimp			(2)	•	•		◦ FI : -40°C - 105°C, IP67 (Mated)
SSL Series															
SSL1.1				•			•			•	(2)		•	CSA C22.2, UL1977	-40°C - 105°C, Non-IP
SSL1.2				•			•	•	•	•	(2)		•	CSA C22.2, UL1977, cUL UL2238+UL50e	-40°C - 105°C, IP68 (Mated)
HDMI Series															
Circular			48h	•			•			94V-HB	(2)	•	•		◦ R0 : -20°C - 85°C, IP67 (Unmated)
Rectangular			48h	•			•			94V-1	(2)	•	•		◦ OC : -20°C - 85°C, IP67P (Mated)
Mini-HDMI			48h	•			•			•	(2)	•	•		
DVI Series															
DDD			8h	•			•				(2)		•		
DDS			8h	•			•				(2)		•		◦ R0 : -40°C - 105°C, IP68 (Unmated)
DID			8h	•			•				(2)		•		◦ OC : -20°C - 85°C, IP67P (Mated)
DIS			8h	•			•				(2)		•		

Remarks:

Assemble Style: **R0** (Receptacle), **RW** (Receptacle With Wires), **RP** (Receptacle With Pigtail), **OC** (Overmolded With Cables), **FI** (Field Installable)

Vibration: **(2)** 10-55Hz @Amplitude 1.52mm

Operation Temperature & IP Rating: **R0** (Receptacle), **RW** (Receptacle With Wires), **RP** (Receptacle With Pigtail), **OC** (Overmolded With Cables), **FI** (Field Installable)

Product Selection Guide

Other IO (Fiber, RF)

	Mating Style		Materials	No. of Contacts	Gold Plated	Operating Voltage (AC/DC)	Applicable Wires (AWG)	Mating Cycles (Pin Contact)	Salt Spray (Connector, Mated)	R0
	3 Points Lock	Screw Thread								
Fiber Optic Series										
LC	•								48h	•
SC	•								48h	•
RF Series										
SMA Type		•	M	1	•	335 Volts RMS At Sea Level	1.13mm, 1.32mm, 1.37mm, RG178	500	48h	•
N Type		•	M	1	•	1,000 Volts RMS At Sea Level	1.13mm, 1.32mm, 1.37mm, RG142, RG178, G58 A/U	500	48h	•

Other (ZConnect, Cable Joiner, Cable Gland, Pressure Relief Vent, LED)

	Mating Style			Materials	No. of Contacts	Contacts				Operating Voltage (AC/DC)	Nominal Current	Applicable Wires (AWG)	Salt Spray (Connector, Mated)
	Push Lock With Latch	Screw Thread	Others			Gold Plated	Nickel Plated	Thermo plastic	SUS316L				
ZConnect Series													
FPC / FFC / WTB			Quick Plug	B	46, 36, 20, 18, 12	•				120V	1A		48h
Cable Joiner Series													
M20		•		P	None, 4	•				450V (Non- UL) 600V (UL)	10A	22-16	
M32	•			P	None, 4	•					15A-30A	16-10	
FICX I Tube (11)		•		P	2-5		•				16A-30A	20-12	
FICX I Tube (12)		•		P	2-5		•				8A-20A	18-12	
FICX XI Tube (13)		•		P	2-5		•				8A-20A	18-12	
FICX T Tube (T2)		•		P	2-5		•				10A-20A	20-12	
Cable Gland Series													
Cable Gland		•		B									
Pressure Relief Vent													
M6 Plastic		•		P				•					1,000h
M12 Snap-in		•		P				•				1,000h	
M12 Stainless		•		M					•			1,000h	
M12 Plastic		•		P				•				1,000h	
M12 Metal		•		M			•					48h	
LED Light Guide													
Ø3mm				B				•		4V			
Ø5mm				M					•		4V		

Remarks:

Materials: P (Plastic), M (Metal), B (Both)

Assemble Style: R0 (Receptacle)

Product Selection Guide

	FI	UV Resistant	UL 94V-0	EMI Option	ROHS 2.0 & REACH	Standard / Compliant / Certifications	Operating Temperature & IP Rating
Fiber Optic Series							
LC	•	•	•		•		-40°C - 105°C, IP67 (Mated)
SC	•	•	•		•		-40°C - 105°C, IP67 (Mated)
RF Series							
SMA Type				•	•	MIL-C-39012	-40°C - 105°C, IP68 (Unmated)
N Type				•	•	MIL-C-39012	-40°C - 105°C, IP68 (Unmated)

	Receptacle	Field Installable	UV Resistant	UL 94V-0	Vibration	ROHS 2.0 & REACH	Certifications	IP Rating	Operating Temperature
ZConnect Series									
FPC / FFC / WTB				•		•			-40°C - 110°C, Non-IP
Cable Joiner Series									
M20		•	•	94V-2		•		IP67	-40°C - 105°C
M32		•	•	•		•	UL6703A	IP67	-40°C - 105°C
FICX I Tube (11)		•	•	•		•	CSA, UL2238	IP68 (Mated)	-40°C - 105°C
FICX I Tube (12)		•	•	•		•	CSA, UL2238	IP68 (Mated)	-40°C - 105°C
FICX XI Tube (13)		•	•	•		•	CSA, UL2238	IP68 (Mated)	-40°C - 105°C
FICX T Tube (T2)		•	•	•		•	CSA, UL2238	IP68 (Mated)	-40°C - 105°C
Cable Gland Series									
Cable Gland	•	•		94V-0 94V-2	(2)	•		IP67 (Mated) IP68 (Mated)	• RO : -20°C - 105°C • FI : -20°C - 105°C
Pressure Relief Vent									
M6 Plastic	•		•	•		•		IP66, IP68	-40°C - 125°C
M12 Snap-in	•		•	•		•		IP68, IP69K	-40°C - 125°C
M12 Stainless	•		•	•		•		IP68, IP69K	-40°C - 125°C
M12 Plastic	•		•	•		•		IP68, IP69K	-40°C - 125°C
M12 Metal	•		•	•		•		IP68, IP69K	-40°C - 125°C
LED Light Guide									
Ø3mm	•							IP67	• Red & Green : -30°C - 80°C • Others : -40°C - 80°C
Ø5mm	•							IP67	• Red & Green : -30°C - 80°C • Others : -40°C - 80°C

Remarks:

Assemble Style: FI (Field Installable)

Vibration: (2) 10-55Hz @Amplitude 1.52mm

Operation Temperature & IP Rating: RO (Receptacle), FI (Field Installable)

Served Markets & Applications

Applications	Ceres	X-Lok	M series	FLOS & FLOS+	Power	RBL	HS-Lok	NMEA 2000	7/8" Mini	Heavy Duty Shielded	RJ45	USB	SSL	HDMI	DVI	Fiber Optics	Zconnect	RF	Cable Joiner	Cable Gland	Vent	LED Light Guide	D-Sub
LED Lighting																							
Architectural Lighting	•	•	•		•	•	•		•		•	•					•		•	•	•		
Outdoor LED Displays	•	•	•	•	•	•	•				•	•	•				•		•	•	•		
Outdoor Signage	•	•			•	•			•		•		•				•		•	•	•		
Entertainment Lighting & Systems	•	•			•	•	•		•		•	•					•		•	•	•		
Smart City, Street Lighting	•	•			•	•			•		•	•	•				•		•	•	•		
Tunnel Lighting	•	•	•		•	•			•		•		•				•		•	•	•		
Parking Lighting	•	•			•	•	•		•		•	•					•		•	•	•		
Cruise & Shipyards Lighting	•	•	•		•	•		•	•		•	•	•				•		•	•	•		
High Speed Train & EV Bus	•	•			•	•	•		•	•	•		•				•		•	•	•		
Commercial Lighting	•	•	•		•	•	•		•		•	•					•		•	•	•		
Refrigeration Lighting	•	•	•		•	•	•		•		•	•	•				•		•	•	•		
Horticulture Lighting	•	•	•		•	•			•		•		•				•		•	•	•		
Warehouse Lighting	•	•			•	•			•		•	•					•		•	•	•		
Emergency Lighting	•	•	•		•	•	•		•		•	•	•				•		•	•	•		
UV and Sanitary Lighting	•	•	•		•	•	•		•		•		•				•		•	•	•		
Li-Fi	•	•			•	•					•		•				•	•	•	•	•		
Hospital Surgical Lighting & Room	•	•	•		•	•	•		•		•	•	•				•		•	•	•		
ATEX Lighting	•	•			•	•	•						•				•						
Underwater / Submerged Lighting	•	•			•	•							•				•				•		
Marine																							
Multi-FunctionDisplay	•	•	•	•	•	•		•	•	•	•	•			•	•		•			•	•	•
Outboard Motors	•	•	•		•	•		•	•	•							•			•			
Bilge Pump	•	•	•		•	•		•	•	•							•			•			
Heater	•	•	•		•	•	•	•	•	•	•						•		•	•	•		
HVAC	•	•	•		•	•	•	•	•	•	•						•		•	•	•		
(Heating Ventilation Air Conditioning)	•	•	•		•	•		•	•	•							•						
Fridge	•	•	•		•	•	•	•	•	•							•						
Docking System	•	•	•		•	•		•	•	•							•			•			
Windlass	•	•	•		•	•		•	•	•							•			•			
Sensors	•	•	•		•	•		•	•	•							•						
RADAR	•	•	•		•	•		•	•	•	•	•					•	•					
Antenna	•	•	•		•	•	•	•	•	•							•	•					
USB Charger	•	•	•		•	•	•	•	•	•		•					•		•				
Audio System	•	•	•		•	•	•	•	•	•	•	•		•			•		•	•	•		
Lighting System	•	•	•		•	•	•	•	•	•	•	•	•				•		•	•	•		•
CCTV	•	•	•		•	•	•	•	•	•	•	•		•	•		•						
Power Controller	•	•	•		•	•		•	•	•							•		•	•	•		•
Autopilot System	•	•	•		•	•		•	•	•				•	•		•	•			•		•
Automatic Identification System	•	•	•		•	•	•	•	•	•	•			•	•		•	•			•		•
GPS, Beacon & Lifebuoy	•	•	•		•	•	•	•	•	•	•	•					•	•					
Sonar / Transducer	•	•	•					•	•	•							•						
Fish-Finders	•	•	•					•	•	•	•	•					•						
Chartplotter	•	•	•				•	•	•	•	•	•		•	•		•						•
Sailing Instruments	•	•	•					•	•	•	•	•		•	•		•				•		
Shipyards & Cruise	•	•	•				•	•	•	•	•	•		•	•		•				•		•
Broadband Wireless Access																							
General Small Cells	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
RRH (Remote Radio Head)	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Wireless Mobile Backhaul	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•		
High Capacity Mobile Subscriber Unit	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Outdoor Base Station Unit	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Outdoor LTE	•	•			•	•	•		•	•	•					•	•	•	•	•	•	•	•
Outdoor AP	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Subscriber Station	•	•			•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Outdoor Wireless Mesh Router	•	•	•		•	•	•		•	•	•	•				•	•	•	•	•	•	•	•
Base Station Power Supply	•	•		•	•	•	•		•	•						•	•	•	•	•	•	•	•
Communication System														•			•						

Served Markets & Applications

Applications	Ceres	X-Lok	M series	FLOS & FLOS+	Power	RBL	HS-Lok	7/8" Mini	Heavy Duty Shielded	RJ45	USB	SSL	HDMI	DVI	Fiber Optics	Zconnect	RF	Cable Joiner	Cable Gland	Vent	LED Light Guide	D-Sub
Industrial Automation																						
Robotic Arm			•	•			•	•	•							•						
Industrial Server / Network	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•			•	•	•
Industrial Forklifts (Truck)	•	•	•	•	•	•	•	•	•	•	•		•	•		•			•	•		•
AVI (Automatic visual inspection)	•	•	•	•			•	•	•							•						
Data Communication System	•	•	•	•	•		•	•	•	•	•		•	•		•	•			•	•	•
Industrial Control Center	•	•	•	•	•		•	•	•	•	•		•	•		•				•	•	•
Packaging Center	•	•	•	•			•	•	•							•						
Conveyors	•	•	•	•			•	•	•							•						
Sensors			•					•	•							•						
Power Distribution	•	•	•	•	•			•	•							•						
Actuators	•	•	•					•	•							•						
Motor Drives	•	•	•		•	•		•	•							•						
Industrial PC & Displays	•	•	•	•	•		•	•	•	•	•		•	•		•	•			•	•	•
Machine Tools	•	•	•	•	•			•	•							•						
Switches		•	•	•				•	•	•	•					•						•
Production Equipment	•	•	•	•	•	•	•	•	•	•	•					•				•	•	•
Renewable Energy																						
PV / DC Inverter	•	•	•		•	•		•	•	•						•		•	•	•	•	
Micro Inverter						•			•	•						•			•	•	•	
CSP & CPV	•	•	•		•	•		•	•							•			•	•	•	
Heliostat	•	•	•		•	•			•							•			•	•	•	
PV Trackers	•	•	•		•	•		•	•							•			•	•	•	
PV ICS (Integrated Control Systems)					•	•		•	•	•						•			•		•	
Portable Energy	•	•	•		•	•	•	•	•	•	•					•						
Communication System	•	•	•	•	•	•		•	•	•	•		•	•	•	•	•		•	•	•	•
PDC (Power Distribution Control)	•	•	•	•	•	•		•	•	•						•	•		•	•	•	•
Wind Turbine	•	•	•	•	•	•		•	•	•	•					•			•	•	•	•
Energy Storage System	•	•	•		•	•		•	•	•						•			•	•	•	
Tidal Power Generation System	•	•	•	•	•	•		•	•	•						•			•	•	•	•
Heavy Equipment																						
Electronic Toll System	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Automotive Diagnostics	•	•	•	•	•		•	•	•	•	•	•	•	•		•	•			•	•	•
Agriculture Electronic Equipment	•	•	•	•	•	•		•	•	•	•		•	•		•	•		•	•		•
Lidar & Radar	•	•	•	•				•	•	•	•		•	•		•						
ADAS (Advanced Driver Assistance Systems)	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Telematics & Tracking	•	•	•		•	•	•	•	•	•	•		•	•		•	•	•	•	•	•	•
Camera & Monitoring	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Control System	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Display	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
GPS System	•	•	•	•	•	•	•	•	•	•	•					•	•		•	•		
Lighting	•	•	•		•	•		•	•			•				•		•				
Measurement Systems	•	•	•	•	•	•	•	•	•	•	•		•	•		•	•		•	•		•
Sensors		•	•	•				•	•							•						
Automated Meter Reading																						
Water Meter	•	•	•	•			•			•	•					•	•		•	•	•	
Electricity Meter	•	•	•	•			•			•	•					•	•		•	•	•	
Gas Meter	•	•	•	•			•			•	•					•	•		•	•	•	
Alarm System	•	•	•	•			•			•	•					•	•		•	•	•	
Military Drone	•	•	•	•			•									•	•		•	•	•	
Vehicle Tracking	•	•	•	•			•			•	•					•	•		•	•	•	
Telemetry	•	•	•	•			•			•	•					•	•		•	•	•	
Sewage	•	•	•	•	•	•	•			•	•					•	•		•	•	•	
Rugged IT																						
Telemetry		•	•	•			•			•						•	•		•	•		
Rugged & Military VR and AR		•	•	•			•				•					•	•		•			
Rugged Notebook				•						•	•		•	•		•	•					•
Night Vision Goggles			•	•			•				•					•						
Miniature Camera											•					•	•					
Rugged Tablet											•		•	•		•	•					
Communication Devices				•						•	•		•	•		•	•				•	•

Served Markets & Applications

Applications	Ceres	X-Lok	M series	FLOS & FLOS+	Power	RBL	HS-Lok	7/8" Mini	Heavy Duty Shielded	RJ45	USB	SSL	HDMI	DVI	Zconnect	RF	Cable Gland	Vent	LED Light Guide	D-Sub
Test Equipments																				
Air Flow Measurement	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Gas Detectors	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Precision Surveying	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•		•
Earthquake Monitoring	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Humidity Measurement	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Leak Detectors	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Light Measuring	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Sound Measuring	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Water Measurement	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Weighing Devices	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•		
Weigh Modules	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•		
Heavy-duty Scales	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•		•
Floor Scales	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•		•
Wet Area Weighing	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Dosing Systems	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
In-Motion Weighing	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Borescope	•	•	•	•	•		•	•	•	•	•				•	•		•		
Image Measurement	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Timers / Timer Display	•	•	•	•	•		•	•	•	•	•				•	•		•		
Laser Marking System	•	•	•	•	•	•	•	•	•	•	•				•	•		•		
Digital Microscopes	•	•	•	•	•		•	•	•	•	•				•	•		•		
Hybrid Electric Vehicles																				
Electric Wheelchair	•	•	•	•	•	•	•	•	•						•					
Electrical and Electronic Speed Control	•	•	•	•	•	•	•	•	•						•					
Electrical and Electronic Brake System	•	•	•	•	•	•	•	•	•						•					
Throttle Controller	•	•	•	•	•	•	•	•	•						•					
Battery Module	•	•	•		•			•	•	•	•	•					•	•		
Motor Module	•	•	•	•				•	•	•	•	•			•		•	•		
Gear Shift Module	•	•	•					•	•	•	•	•			•			•		
Controller Unit	•	•	•	•				•	•	•	•	•			•			•		
Charge Plug / Inlet	•	•			•			•	•	•	•	•			•			•		
Charging Station	•	•			•			•	•	•	•	•			•			•		
Home Charge Platform	•	•			•			•	•	•	•	•			•			•		
Hoverboard	•	•	•	•	•			•	•	•	•	•			•			•		
Electric Scooter	•	•	•	•	•	•	•	•	•						•		•			
Railway Mass Transit																				
Infotainment Systems	•	•	•	•	•	•	•	•	•	•	•		•	•	•		•	•	•	•
In-Vehicle Information System	•	•	•	•	•	•	•	•	•	•	•		•	•	•		•	•	•	•
Indication Display	•	•	•	•	•		•	•	•	•	•		•	•	•			•		•
Navigation/GPS	•	•	•				•	•	•	•	•		•	•	•	•				•
HVAC (Heating Ventilation Air Conditioning)	•	•	•	•	•		•	•	•	•					•					
Fuel Leakage Detector	•	•	•	•	•	•	•	•	•	•	•				•					
Broadcasting System	•	•	•	•	•		•	•	•	•	•				•		•			
Vehicle Monitoring	•	•	•	•	•		•	•	•	•	•		•	•	•			•		•
Cleaning Control	•	•	•	•		•	•	•	•	•	•				•					
Speedometer	•	•	•	•	•		•	•	•	•					•					
Interior Lighting	•	•	•	•	•			•	•	•	•	•			•			•		
Mobile Devices																				
DRC (Drone Remote Controller)	•	•	•	•			•				•				•	•				
Altimeter	•	•	•	•			•				•				•	•				
Barcode Reader	•	•	•	•			•				•				•					
GPS Safety Guard		•					•				•				•	•				
Portable Lamp	•	•					•				•				•					
Gesture Measurement	•	•					•				•				•					
Wearables											•				•	•				

Served Markets & Applications

Applications	Ceres	X-Lok	M series	FLOS & FLOS+	Power	RBL	HS-Lok	7/8" Mini	Heavy Duty Shielded	RJ45	USB	SSL	HDMI	DVI	Zconnect	RF	Cable Joiner	Cable Gland	Vent	LED Light Guide	D-Sub
Transportation																					
Vehicle Camera	•	•	•	•		•	•				•		•		•			•	•		
Switch			•							•	•				•						•
Dome Vehicle Camera	•	•	•			•									•						
RFID Reader															•	•					
Bus GPS	•	•	•	•		•	•			•	•		•	•	•	•					
Display	•	•	•	•		•									•						
Outdoor Speaker	•	•	•	•		•									•						
Automotive Winches															•						
Vehicle Charger	•	•	•			•									•						
Wifi Router										•					•						
Fleet Management	•	•	•	•		•									•						
Digital Video Surveillance System	•	•	•	•	•	•		•	•	•					•					•	
Medical Equipment																					
Medical Displays				•	•					•	•		•	•	•				•		•
Mobile Nursing Carts	•	•			•	•	•	•	•						•			•	•		
Non-invasive Devices	•	•		•	•	•	•	•	•	•	•		•	•	•			•	•		•
Electrical Beds	•	•	•		•	•		•	•						•			•	•		
Charges	•	•			•	•		•	•						•			•	•		
Wheelchair Lift	•	•			•	•		•	•						•			•	•		
Wheelchair Stair Lift	•	•			•	•		•	•						•			•	•		
Rehabilitation System	•	•			•	•		•	•						•			•	•		
Automotive Diagnostics																					
Auto Crash Notification	•	•	•	•	•	•	•	•	•	•	•				•	•					•
Vehicle Tracking	•	•	•		•	•	•	•	•		•				•	•			•		
Vehicle Health Alert & Roadside Assistance	•	•	•	•	•	•	•	•	•	•	•				•	•					•
Remote Vehicle Diagnostics	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•
UAV																					
Commercial Drone	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•	•	•
Military Drone	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•	•	•
Consumer Drone	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•	•	•
Lifts & Materials Handling																					
Forklift	•	•	•	•	•	•	•	•	•	•	•		•	•	•			•	•	•	•
Industrial Lift	•	•	•	•	•	•	•	•	•	•	•		•	•	•			•	•	•	•
Materials Handling	•	•	•	•	•	•	•	•	•	•	•		•	•	•			•	•	•	•
Remote Video Response Center																					
Encoders	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•			•	•	•
Monitoring Station	•	•	•		•	•		•	•	•	•		•	•	•			•			•
CCTV/Dome/IP Camera	•	•	•	•	•	•		•	•	•	•		•	•	•	•	•	•	•	•	•
Remote Control	•	•			•		•			•	•				•			•			
Junction Box	•	•			•					•	•		•	•	•			•	•		•
Automatic LPRS (License Plate Recognition System)	•	•	•	•	•	•		•	•	•	•		•	•	•	•	•	•	•	•	•
Fingerprint ID											•				•						
Alarm System	•	•	•	•	•	•				•	•		•	•	•	•	•	•	•	•	•
Sensor			•												•						
Autonomous																					
GPS	•	•	•	•			•	•	•	•	•		•	•	•	•					
Lidar	•	•	•	•			•	•	•	•	•		•		•			•	•		
Radar Sensors	•	•	•	•			•	•	•						•	•					
Video Cameras	•	•	•	•			•	•	•		•		•		•			•	•		
Central Computer	•	•	•	•			•	•	•	•	•		•		•						
Inertial Measurement Unit	•	•	•	•			•	•	•						•			•			
Inertial Navigation Systems	•	•	•	•			•	•	•						•	•		•			
Commercial Military																					
Tank				•																	
Aircraft				•																	
Warship				•																	
Dismounted Soldier				•																	
Software Defined Radios				•																	
Commercial Military				•											•						

We Are Amphenol LTW

Founded in 1993, Amphenol LTW is a leader in rugged and harsh environment interconnects with the largest array of I/O and products ranging from IP65 to IP69K. The company continually provides innovative interconnect solutions for ever-demanding environments and is proactively committed to contributing to a safer and greener environment. Amphenol LTW features interconnects for technologically advanced products with environmentally friendly results.



Amphenol LTW Technology & CNC Plant

- Headquarters: Taipei, Taiwan
- 150 Employees



Kunshan Amphenol Zhengri Electronics

- Kunshan, China
- 400 Employees



110+

Amphenol
Divisions



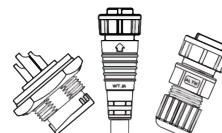
75+

Distribution
Channels



30+

Market
Applications



80,000+

Products

Visit our website for
more information

Scan here



Our Capabilities

Both factories located in Taiwan and China are ISO9001:2015, ISO14001:2015, and UL certified. Our Test Laboratory is certified by TAF and is a member of UL WTDP reliable partner. Wherever required, most of our products are TUV/VDE, UL/CSA certified. Thanks to our strict standards, we are able to contribute to your projects and design exactly what you need. From standard to customized products, Amphenol LTW has the right solutions for your applications.



Test Laboratory Accreditations Quality Assurance

International Certifications



Automated Production Line

Capability: Contacts, Parts, and Shells

Number of Automatic Machines: 11

Production Capacity : 125,000 pins per day
(24 hours)

Number of CNC Machines: 33

Production Capacity : 125,000 pins per day
(24 hours)



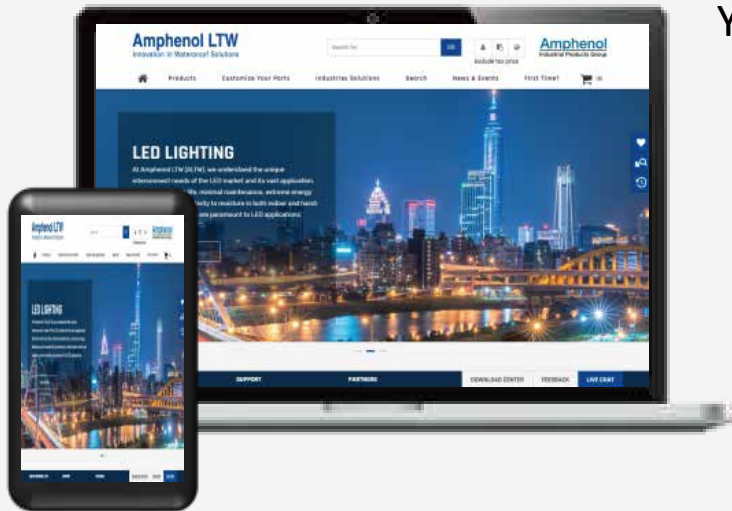
Kunshan Factory – Horizontal Injection Workshop

Molding Machines

Number of Machines: 17

Production Capacity : 3,400pcs/hr

Online Resources



amphenolltw.com

Your Solution Only **One Click Away**

Our E-SHOP

Visit our website to find all our products, prices and technical data. Online ordering is easier now!



Scan our **QR Code**

Visit the online shop



Our Catalog

Product catalogs are available on our website.

Download for more details:
amphenolltw.com

Scan for more details



General Catalog

Find All Product Range



Catalogs by Series

All Market Applications

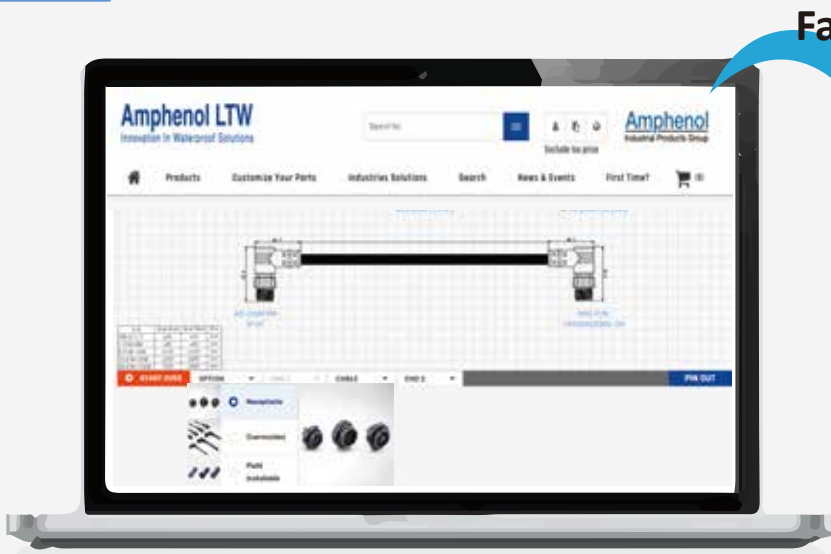


Market Flyer

Product Guidance



Customization Services



amphenolltw.com

**Fast
Efficient**

Configure To Order (CTO)

Configure your own connector/cable assembly directly on our website by choosing the components and parts that you need.

Benefits

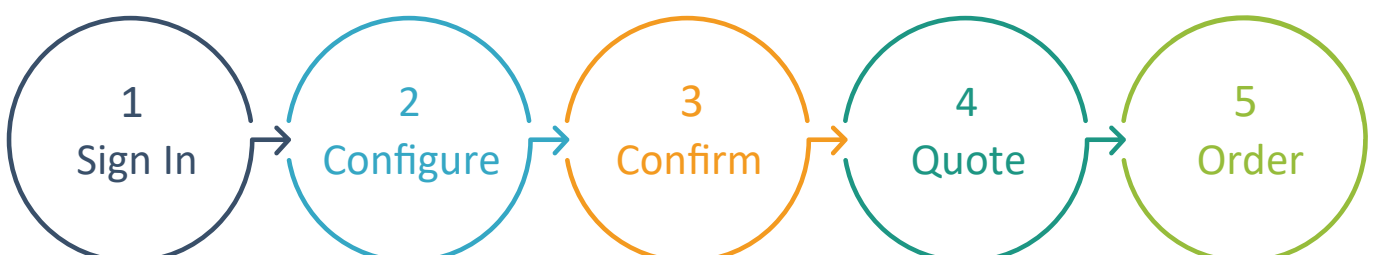
- ✓ Worldwide access 24/7
- ✓ Easy & quick customization
- ✓ Real time order tracking
- ✓ Online assistance (Live Chat)
- ✓ Instant drawing release
- ✓ Instant quote
- ✓ Order online

Scan the QR Code
to our CTO platform

Scan here



Just A Few Simple Steps



NEW

3³ Single Pair Ethernet

Freedom of Choices and Budgets

3 Mechanical interfaces IP67 and above for industrial and ruggedized applications

3 Freedom of choices for your needs and requirements

3 Budgets, pay for what you need



Features

- » ALTW's proprietary SPE interface integrated in **M8 (G8) / M12 / FLOS+ / X-Lok**
- » Providing low power & simply networking on end-point sensors
- » Cost-effective, smaller & lighter than standard 4 pairs ethernet cable
- » Compatible 10/100/1000 base-T1 data rates as existing technologies **
- » Receptacle IP67 **UNMATED** waterproof, also available in double ended and field installable
- » Vibration resistance 20g (10 ~ 2,000 Hz)
- » Supports PoDL (Power Over Data Lines)

** 24~26 AWG Standard Length 15m

Part Number


X-Lok

A Size	AD-02BFFM-QL8P ¹⁰ (Cable)
	AD-02BMMM-QL8P ¹⁰ (Cable)
	AD-02PMMP-QC8001 (Receptacle)
	AD-02PMMS-QC8001 (Receptacle)

FLOS+

K Series	SLKC-S02FMMM-GCP-C ¹⁰ (Cable)
	SLKC-S02EEFP-GCP-001 (Receptacle)

M Series

M8	M8-02BFFM-SL7C ¹⁰ * (Cable)	M12	M12A-02BFFM-SL8C ¹⁰ (Cable)
	M8-02BMMM-SL7C ¹⁰ * (Cable)		M12A-02BMMM-SL8C ¹⁰ (Cable)
	M8-02PFFP-SF7001* (Receptacle)		M12A-02PFFP-SF8001 (Receptacle)
	M8-02PMMP-SF7001* (Receptacle)		M12A-02PMMP-SF8001 (Receptacle)
	M8-02PFFS-SF7001* (Receptacle)		
	M8-02PMMS-SF7001* (Receptacle)		
G8	8A-02BFFM-SL7C ¹⁰ * (Cable)		
	8A-02BMMM-SL7C ¹⁰ * (Cable)		
	8A-02PFFP-SF7001* (Receptacle)		
	8A-02PFFS-SF7001* (Receptacle)		
	8A-02MMP-SF7001 (Receptacle)		
	8A-02PMMS-SF7001 (Receptacle)		

* Upon Request

¹⁰ Cable Length: (01) 1M ~ (15) 15M.

Technical Support



Assistance



AIPG WeChat (ID: AIPG2020)
安费诺工业展品集团
微信公众号: AIPG2020



88677416888

Information



FAQ

Find answers to frequently asked questions at
<https://www.amphenolltw.com/>



Feedback

Any comments about the catalog?
Help us improve the catalog user experience by sharing your suggestions.
Email us at
sales@ltw-tech.com

Follow us on





Marine

- AIS
- Audio System
- Autopilot System
- Bilge Pump
- Chartplotter
- Power Controller
- RADAR
- Multi-Function Display
- Sensors
- Shipyards & Cruise
- Sonar / Transducer
- USB Charger
- Windlass
- Docking System
- Fish-Finders
- Heater
- Lighting System
- Fridge & Refrigeration
- Outboard & Trolling Motors
- Sailing Instruments
- GPS, Beacon & Lifebuoy
- HVAC (Heating Ventilation Air Conditioning)
- IP and Infrared CCTV & Cameras



LED

- Outdoor LED Displays
- Outdoor Signage
- Parking Lighting
- Refrigeration Lighting
- Smart Street Lights
- ATEX Lighting
- Commercial Lighting
- Tunnel Lighting
- Architectural Lighting
- Emergency Lighting
- Horticulture Lighting
- Warehouse Lighting
- Cruise & Shipyards Lighting
- Li-Fi
- Underwater / Submerged Lighting
- UV and Sanitary Lighting
- Entertainment Lighting & Systems
- Hospital Surgical Lighting & Room
- Train, Bus, Plane & Recreational Vehicles Lighting



Industrial Automation

- Conveyors
- Industrial Control
- Industrial Forklifts
- Industrial Network
- Industrial PC & Displays
- Machine Tools
- Motor Drives
- Packaging
- Power
- Actuators
- AVI (Automatic visual inspection)
- Communication System
- Production Equipment



Broadband Wireless Access

- Outdoor LTE
- Outdoor Repeater
- Outdoor AP
- General Small Cells
- Subscriber Station
- RRH (Remote Radio Head)
- Wireless Mobile Backhaul
- Base Station Power Supply
- Outdoor Base Station Unit
- Outdoor Wireless Mesh Router
- High Capacity Mobile Subscriber Unit



Heavy Equipment

- Control System
- Display
- Electronic Toll System
- Lighting
- GPS System
- Telematics & Tracking
- Automotive Diagnostics
- Camera & Monitoring
- Agriculture Electronic Equipment
- Measurement Systems
- ADAS (Advanced Driver Assistance Systems)
- Lidar & Radar



Railway Mass Transit

- Broadcasting System
- Cleaning Control
- Fuel Leakage Detector
- Navigation / GPS
- Speedometer
- Infotainment Systems
- Interior Lighting
- In-Vehicle Information
- Vehicle Monitoring
- HVAC (Heating Ventilation Air Conditioning)
- Indication Display



Renewable Energy

- Communication System
- CSP & CPV
- DC Inverter
- Energy Storage System
- Heliostat
- Portable Energy
- PV Inverter
- PV Trackers
- Tidal Power Generation System
- Wind Turbine
- PDC (Power Distribution Control)



Hybrid Electric Vehicles

- Battery Module
- Charge Plug / Inlet
- Charging Station
- Controller Unit
- Electric Scooter
- Gear Shift Module
- Home Charge Platform
- Hoverboard
- Motor Module
- Throttle Controller
- Electric Wheelchair
- Electrical and Electronic Brake System
- Electrical and Electronic Speed Control



Medical Equipment

- Charges
- Electrical Beds
- Mobile Nursing Carts
- Non-invasive Devices
- Rehabilitation System
- Wheelchair Lift
- Wheelchair Stair Lift



Remote Video Response Center

- CCTV / Dome / IP Camera
- Encoders
- Junction Box
- Monitoring Station
- Remote Control

- Alarm System
- Automatic LPRS (License Plate Recognition System)



Test Equipment

- Air Flow Measurement
- Borescope
- Digital Microscopes
- Dosing Systems
- Earthquake Monitoring
- Floor Scales
- Gas Detectors

- Heavy-duty Scales
- Humidity Measurement
- Image Measurement
- In-Motion Weighing
- Laser Marking System
- Leak Detectors
- Light Measuring

- Precision Surveying
- Sound Measuring
- Timers / Timer Display
- Water Measurement
- Weigh Modules
- Weighing Devices
- Wet Area Weighing



Autonomous

- Central Computer
- GPS
- Inertial Measurement Unit
- Inertial Navigation Systems
- Lidar
- Radar Sensors
- Video Cameras



UAV

- Commercial Drone
- Consumer Drone
- Military Drone



Automotive Diagnostics

- Auto Crash Notification
- Remote Vehicle Diagnostics
- Vehicle Health Alert & Roadside Assistance
- Vehicle Tracking



Mobile Devices

- Altimeter
- Barcode Reader
- DRC (Drone Remote Controller)
- Gesture Measurement
- Portable Lamp



Automated Meter Reading

- Electricity Meter
- Gas Meter
- Sewage
- Telemetry
- Water Meter
- Alarm System
- Military Drone
- Vehicle Tracking



Lifts & Materials Handling

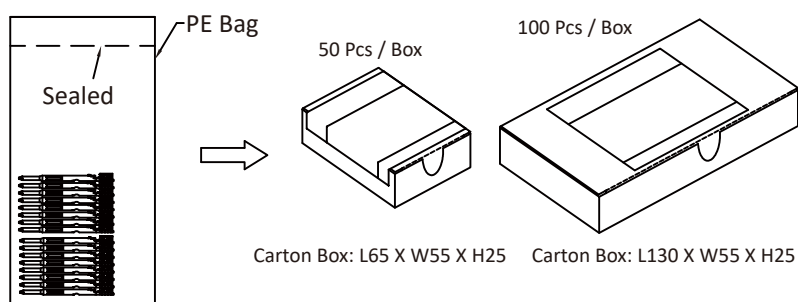
- Forklift
- Industrial Lift
- Materials Handling



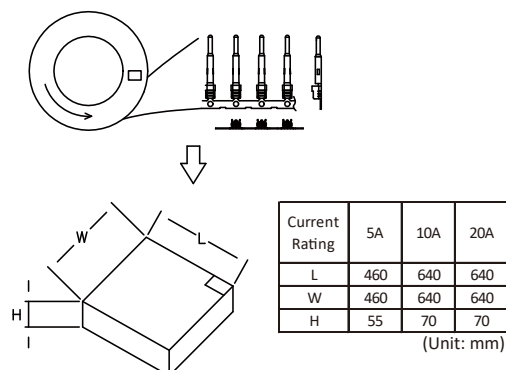
Transportation

- Vehicle Camera
- Dome Vehicle Camera
- Bus GPS
- Displayer
- Outdoor Speaker
- Vehicle Charger
- Fleet Management
- Digital Video Surveillance System

Packing for Crimp Contacts



5A (3K pcs), 10A (3K pcs), 20A (2K pcs) / Reel








































Product Range Overview

Sub-Series Name	Mini A Size	Standard B Size	Middle C Size	Large D Size
Mating Style	Screw Thread & 2 Points Lock	Screw Thread & 2 Points Lock	Screw Thread & 2 Points Lock & 3 Points Lock	Screw Thread & 2 Points Lock
Plastic Version	✓	✓	✓	✓
Metal Version	✓	✓	-	✓
No. of Contacts	2 ~ 6	2 ~ 12	2 ~ 18	2 ~ 22
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated Silver Plated	Gold Plated Silver Plated
Operating Voltage (AC/DC)	250V	250 ~ 600V	250 ~ 600V	250 ~ 600V
Nominal Current	2A ~ 5A	2A ~ 10A 5A + 2A 10A + 5A	2A ~ 20A 5A + 2A 10A + 2A 10A + 5A	2A ~ 20A 20A + 2A 20A + 5A
Operating Temperature	<ul style="list-style-type: none">● Receptacle: -40°C ~ 105°C● Receptacle With Cable: -20°C ~ 85°C● Overmolded With Cable: -20°C ~ 85°C● Field Serviceable/Installable: -40°C ~ 105°C			
Fasten Style of Nut	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Receptacle	✓	✓	✓	✓
Receptacle With Cable	✓	✓	✓	-
Overmolded With Cable	✓	✓	✓	✓
Field Serviceable/Installable	✓	✓	✓	✓
Accessories	✓	✓	✓	✓
Applicable Wire Gauge	26 ~ 24AWG (0.14 ~ 0.25mm ²)	26 ~ 20AWG (0.14 ~ 0.50mm ²)	24 ~ 14AWG (0.25 ~ 2.50mm ²)	26 ~ 16AWG (0.14 ~ 1.50mm ²)
Mating Cycles (Pin Contact)	2,000 Cycles			
IP Rating	Receptacle, Receptacle With Cable: IP67 (Unmated) Overmolded With Cable, Field Serviceable/Installable: IP67 (Mated)			
Salt Spray (Connector, Mated)	500h	500h	500h	500h
UV Resistant	✓	✓	✓	✓
Flammability Rating	UL94V-0			
Vibration Resistant	Frequency Range 10 ~ 55Hz / Amplitude 1.52mm			
EMI Option	✓	✓	-	✓
ROHS 2.0 Compliant	✓	✓	✓	✓
REACH Compliant	✓	✓	✓	✓
Certifications	-	UL1977	UL1977	UL1977

Product Range Overview


























Sub-Series Name	Macro E Size	PLD	MAB	GBD
Mating Style	2 Points Lock	Push Lock	2 Points Lock	3 Points Lock
Plastic Version	✓	✓	✓	✓
Metal Version	-	-	-	-
No. of Contacts	31	2 ~ 4	4	8
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated	Gold Plated
Operating Voltage (AC/DC)	200V	250V	250V	250V
Nominal Current	5A	5A	10A	10A + 5A
Operating Temperature	<ul style="list-style-type: none">● Receptacle: -40°C ~ 105°C● Receptacle With Cable: -20°C ~ 85°C● Overmolded With Cable: -20°C ~ 85°C● Field Serviceable/Installable: -40°C ~ 105°C			
Fasten Style of Nut	Front & Rear	Front	-	-
Receptacle	✓	✓	-	-
Receptacle With Cable	-	-	-	-
Overmolded With Cable	✓	-	✓	✓
Field Serviceable/Installable	-	✓	-	-
Accessories	✓	-	✓	✓
Applicable Wire Gauge	26AWG (0.14mm ²)	26 ~ 20AWG (0.14 ~ 0.50mm ²)	20AWG (0.50mm ²)	20~24AWG (0.50~0.25mm ²)
Mating Cycles (Pin Contact)	2,000 Cycles			
IP Rating	Receptacle, Receptalce With Cable: IP67 (Unmated) Overmolded With Cable, Field Serviceable/Installable: IP67 (Mated)			
Salt Spray (Connector, Mated)	500h			
UV Resistant	✓	✓	✓	✓
Flammability Rating	UL94V-0	UL94V-0	UL94V-0	UL94V-0
Vibration Resistant	Frequency Range 10~55Hz / Amplitude 1.52mm			
EMI Option	-	-	-	-
ROHS 2.0 Compliant	✓	✓	✓	✓
REACH Compliant	✓	✓	✓	✓
Certifications	UL1977	-	-	-

Contact Configuration



	Mini Size (A)			Standard Size (B)							Middle Size (C)		
	2A (AU) (ASU)	5A (AD)	5A (ASD)	2A (BU) (BSU)	5A (BD)	5A (BSD)	10A (BB)	10A (BSB)	5A+2A (BDU)	10A+5A (BBD)	2A (CU)	5A (CD)	10A (CB)
2 Pin													
		R C F	R C F		R C F		R C F						
3 Pin													
		R C F	R C F		R C F		R C F						
4 Pin													
	R C F				R C F	R C F	R C F	R C F					R C F
5 Pin													
	R C F				R C F	R C F							R C F
6 Pin													
	R C F				R C F	R C F				R C F			R C F
7 Pin													
					R C F	R C F						R C F	
8 Pin													
					R C F	R C F			R C F			R C F	
9 Pin													
												R C F	
10 Pin													
				R C F								R C F	
12 Pin													
				R C F								R C F	
14 Pin													
												R C F	
18 Pin													
											R C F		
20 Pin													
21 Pin													
22 Pin													
31 Pin													

R: Receptacle C: Overmolded with Cable F: Field Serviceable/Installable

Contact Configuration

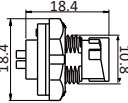
	Middle Size (C)				Large Size (D)						Marco Size (E)	Other Size		
	20A (CC)	5A+2A (CDU)	10A+5A (CBD)	10A+2A (CBU)	2A (DU) (DSU)	5A (DD) (DSD)	10A (DB) (DSB)	20A (DC) (DSC)	20A+2A (DCU)	20A+5A (DCD)	5A (ED)	10A+5A (GBD)	10A (MAB)	5A (PLD)
2 Pin	 R C F							 R C F						 R C F
3 Pin	 R C F							 R C F						 R C F
4 Pin								 R C F					 R C F	 R C F
5 Pin								 R C F						
6 Pin								 R C F						
7 Pin								 R C F				 R C F		
8 Pin			 R C F	 R C F					 R C F					
9 Pin														
10 Pin							 R C F							
12 Pin	 R C F									 R C F				
14 Pin	 R C F													
18 Pin						 R C F								
20 Pin					 R C F									
21 Pin					 R C F									
22 Pin					 R C F									
31 Pin											 R C F			

R: Receptacle C: Overmolded with Cable F: Field Serviceable/Installable

No of Contacts	2		3	
Rated Voltage (AC/DC)	250V		250V	
Nominal Current	5A		5A	
Plastic / Metal	Plastic	Metal	Plastic	Metal
Pin Assignment	MM		MM	
MM: Male Connector Male Contact FF: Female Connector Female Contact				

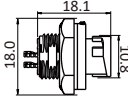
Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: min. 2.3mm ~ max 5.0mm

	Solder Type	AAD-02PMMMS-LC7001	-	AAD-03PMMMS-LC7001	-
	180° PCB Type	1AD-02PMMMP-LC7001*	-	1AD-03PMMMP-LC7001*	-

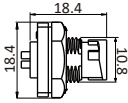
Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: min. 2.3mm ~ max 5.0mm

	Solder Type	AAD-02RMMMS-LC7001	-	AAD-03RMMMS-LC7001	-
	180° PCB Type	1AD-02RMMMP-LC7001*	-	1AD-03RMMMP-LC7001*	-

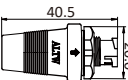
Receptacle, Square Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: min. 2.3mm ~ max 5.0mm

	Solder Type	AAD-02PMMMS-LS7001	AASD-02PMMMS-LS7002*	AAD-03PMMMS-LS7001	AASD-03PMMMS-LS7002*
	180° PCB Type	1AD-02PMMMP-LS7001*	1ASD-02PMMMP-LS7002*	1AD-03PMMMP-LS7001*	1ASD-03PMMMP-LS7002*

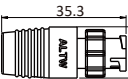
Receptacle With Cable, **STRAIGHT**, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	AD-02PMMM-LL7A ⑪	-	AD-03PMMM-LL7A ⑪	-

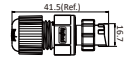
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	AD-02BMMM-LL7A ⑪	-	AD-03BMMM-LL7A ⑪	-

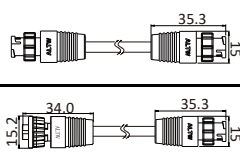
Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	AD-02BMMMA-LL7001	-	AD-03BMMMA-LL7001	-
	Crimp Type	AAD-02BMMMC-LL7 ⑪ P0*	-	AAD-03BMMMC-LL7 ⑪ P0*	-

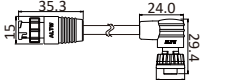
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	End1: (M) MM End2: (M) MM	AA-AAD02ML-AADML-LA ⑪*	-	AA-AAD03ML-AADML-LA ⑪*	-
	End1: (M) MM End2: (F) FF	AA-AAD02ML-AADFL-LA ⑪*	-	AA-AAD03ML-AADFL-LA ⑪*	-




STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	End1: (M) MM End2: (F) FF	AA-AAD02ML-AADFR-LA ⑪*	-	AA-AAD03ML-AADFR-LA ⑪*	-
--	-----------------------------	------------------------	---	------------------------	---

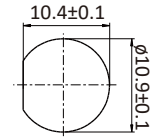
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

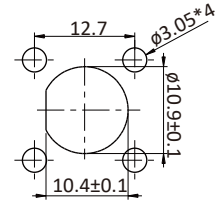
4		5		6	
250V		250V		250V	
2A		2A		2A	
Plastic	Metal	Plastic	Metal	Plastic	Metal
MM		MM		MM	
					
AU-04PMMS-LC7001	-	AU-05PMMS-LC7001	-	AU-06PMMS-LC7001	-
AU-04PMMP-LC7001	-	AU-05PMMP-LC7001	-	AU-06PMMP-LC7001	-
AU-04RMMS-LC7001	-	AU-05RMMS-LC7001	-	AU-06RMMS-LC7001	-
AU-04PMMS-LS7001	AASU-04PMMS-LS7002*	AU-05PMMS-LS7001	AASU-05PMMS-LS7002*	AU-06PMMS-LS7001	AASU-06PMMS-LS7002*
AU-04PMMP-LS7001	-	AU-05PMMP-LS7001	-	AU-06PMMP-LS7001	-
AU-04PMMM-LL7A 11	-	AU-05PMMM-LL7A 11	-	AU-06PMMM-LL7A 11	-
AU-04BMMM-LL7A 11	-	AU-05BMMM-LL7A 11	-	AU-06BMMM-LL7A 11	-
AU-04BMAA-LL7001	-	AU-05BMAA-LL7001	-	AU-06BMAA-LL7001	-
AAU-04BMMC-LL7 11 P0*	-	AAU-05BMMC-LL7 11 P0*	-	AAU-06BMMC-LL7 11 P0*	-

AA-AAU04ML-AAUML-LA 11*	-	AA-AAU05ML-AAUML-LA 11*	-	AA-AAU06ML-AAUML-LA 11*	-
AA-AAU04ML-AAUFL-LA 11*	-	AA-AAU05ML-AAUFL-LA 11*	-	AA-AAU06ML-AAUFL-LA 11*	-
AA-AAU04ML-AAUFR-LA 11*	-	AA-AAU05ML-AAUFR-LA 11*	-	AA-AAU06ML-AAUFR-LA 11*	-

Panel Cut Out



Circular Flange (D Cut)



Square Flange

Assemble Style


PCB 180°
(P) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

Assemble Style



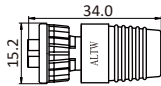
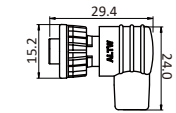
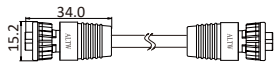
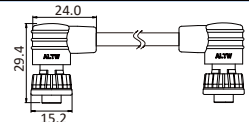
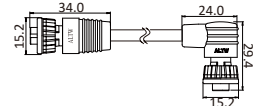
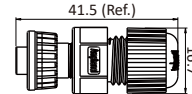


Solder






Crimp



(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts	2		3			
Rated Voltage (AC/DC)	250V		250V			
Nominal Current	5A		5A			
Plastic / Metal	Plastic	Metal	Plastic	Metal		
Pin Assignment	FF		FF			
FF: Female Connector Female Contact						
STRAIGHT, Overmolded Cable Assembly, Free Cable End, IP67 (Mated)						
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾						
	UL2464, PVC Jacket	AAD-02BFFM-LL7A 11	-	AAD-03BFFM-LL7A 11	-	
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)						
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾						
	UL2464, PVC Jacket	AAD-02BFFM-LR7A 11*	-	AAD-03BFFM-LR7A 11*	-	
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF						
	End1: (F) FF End2: (F) FF	AA-AAD02FL-AADFL-LA 11*	-	AA-AAD03FL-AADFL-LA 11*	-	
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF						
	End1: (F) FF End2: (F) FF	AA-AAD02FR-AADFR-LA 11*	-	AA-AAD03FR-AADFR-LA 11*	-	
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF						
	End1: (F) FF End2: (F) FF	AA-AAD02FL-AADFR-LA 11*	-	AA-AAD03FL-AADFR-LA 11*	-	
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)						
Sealing Nut Torque Value: 8 ~ 15 kgf.cm 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm						
	Solder Type	NEW	AD-02BFFA-LL7001	1ASD-02BFFA-LL7001*	AD-03BFFA-LL7001	1ASD-03BFFA-LL7001*
	Crimp Type		AAD-02BFFC-LL7 11 P0*	-	AAD-03BFFC-LL7 11 P0*	-

* Upon Request

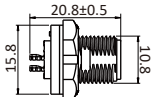
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4		5		6	
250V		250V		250V	
2A		2A		2A	
Plastic	Metal	Plastic	Metal	Plastic	Metal
FF		FF		FF	
					
AU-04BFFM-LL7A 11	-	AU-05BFFM-LL7A 11	-	AU-06BFFM-LL7A 11	-
AAU-04BFFM-LR7A 11*	-	AAU-05BFFM-LR7A 11*	-	AAU-06BFFM-LR7A 11*	-
AA-AAU04FL-AAUFL-LA 11*	-	AA-AAU05FL-AAUFL-LA 11*	-	AA-AAU06FL-AAUFL-LA 11*	-
AA-AAU04FR-AAUFR-LA 11*	-	AA-AAU05FR-AAUFR-LA 11*	-	AA-AAU06FR-AAUFR-LA 11*	-
AA-AAU04FL-AAUFR-LA 11*	-	AA-AAU05FL-AAUFR-LA 11*	-	AA-AAU06FL-AAUFR-LA 11*	-
AU-04BFFA-LL7001	1ASU-04BFFA-LL7001*	AU-05BFFA-LL7001	1ASU-05BFFA-LL7001*	AU-06BFFA-LL7001	1ASU-06BFFA-LL7001*
AAU-04BFFC-LL7 11 PO*	-	AAU-05BFFC-LL7 11 PO*	-	AAU-06BFFC-LL7 11 PO*	-

No of Contacts	2		3	
Rated Voltage (AC/DC)	250V		250V	
Nominal Current	5A		5A	
Plastic / Metal	Plastic	Metal	Plastic	Metal
Pin Assignment	MM		MM	
MM : Male Connector Male Contact FF: Female Connector Female Contact				

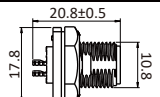
Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: min. 2.3mm ~ max 5.0mm

	Solder Type	AAD-02PMM S -SC7001	-	AAD-03PMM S -SC7001	-
	180° PCB Type	1AD-02PMM P -SC7001*	-	1AD-03PMM P -SC7001	-

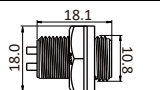
Receptacle, Square Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: min. 2.3mm ~ max 5.0mm

	Solder Type	AAD-02PMM S -SS7001	AASD-02PMM S -SS7002*	AAD-03PMM S -SS7001	AASD-03PMM S -SS7002*
	180° PCB Type	1AD-02PMM P -SS7001*	-	1AD-03PMM P -SS7001	-

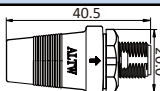
Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: min. 2.3mm ~ max 5.0mm

	Solder Type	AAD-02RMM S -SC7001	-	AAD-03RMM S -SC7001	-
--	-------------	----------------------------	---	----------------------------	---

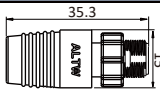
Receptacle With Cable, **STRAIGHT**, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	AD-02PMMM-SL7A ⑪	-	AD-03PMMM-SL7A ⑪	-
---	--------------------	------------------	---	------------------	---

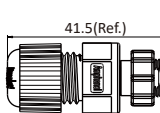
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	AAD-02BMMM-SL7A ⑪*	-	AAD-03BMMM-SL7A ⑪*	-
--	--------------------	--------------------	---	--------------------	---

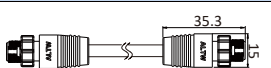
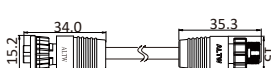
Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	AAD-02BMM A -SL7001*	-	AAD-03BMM A -SL7001*	-
	Crimp Type	AAD-02BMM C -SL7 ⑪ P0*	-	AAD-03BMM C -SL7 ⑪ P0*	-

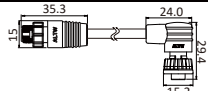
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	End1: (M) MM End2: (M) MM	AA-AAD02 ML -AAD ML -SA ⑪*	-	AA-AAD03 ML -AAD ML -SA ⑪*	-
	End1: (M) MM End2: (F) FF	AA-AAD02 ML -AAD FL -SA ⑪*	-	AA-AAD03 ML -AAD FL -SA ⑪*	-













STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

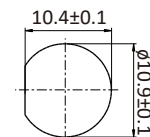
	End1: (M) MM End2: (F) FF	AA-AAD02 ML -AAD FR -SA ⑪*	-	AA-AAD03 ML -AAD FR -SA ⑪*	-
--	-----------------------------	--	---	--	---

* Upon Request

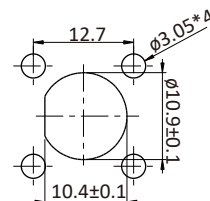
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4		5		6	
250V		250V		250V	
2A		2A		2A	
Plastic	Metal	Plastic	Metal	Plastic	Metal
MM		MM		MM	
					
AU-04PMM S -SC7001	-	AU-05PMM S -SC7001	-	AU-06PMM S -SC7001	-
AU-04PMM P -SC7001	-	AU-05PMM P -SC7001	-	AU-06PMM P -SC7001	-
AU-04PMM S -SS7001	AASU-04PMM S -SS7002 *	AU-05PMM S -SS7001	AASU-05PMM S -SS7002 *	AU-06PMM S -SS7001	AASU-06PMM S -SS7002 *
AU-04PMM P -SS7001	-	AU-05PMM P -SS7001	-	AU-06PMM P -SS7001	-
AU-04RMM S -SC7001	-	AU-05RMM S -SC7001	-	AU-06RMM S -SC7001	-
AU-04PMMM-SL7A 	-	AU-05PMMM-SL7A 	-	AU-06PMMM-SL7A 	-
AAU-04BMMM-SL7A  *	-	AAU-05BMMM-SL7A  *	-	AAU-06BMMM-SL7A  *	-
AAU-04BMM A -SL7001 *	-	AAU-05BMM A -SL7001 *	-	AAU-06BMM A -SL7001 *	-
AAU-04BMM C -SL7  P0 *	-	AAU-05BMM C -SL7  P0 *	-	AAU-06BMM C -SL7  P0 *	-

Panel Cut Out



Circular Flange (D Cut)



Square Flange

Assemble Style


PCB 180°
(P) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

AA-AAU04ML-AAUML-SA 11 *	-	AA-AAU05ML-AAUML-SA 11 *	-	AA-AAU06ML-AAUML-SA 11 *	-
AA-AAU04ML-AAUFL-SA 11 *	-	AA-AAU05ML-AAUFL-SA 11 *	-	AA-AAU06ML-AAUFL-SA 11 *	-
AA-AAU04ML-AAUFR-SA 11 *	-	AA-AAU05ML-AAUFR-SA 11 *	-	AA-AAU06ML-AAUFR-SA 11 *	-

Assemble Style



Solder






Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable


No of Contacts		2		3	
Rated Voltage (AC/DC)		250V		250V	
Nominal Current		5A		5A	
Plastic / Metal		Plastic	Metal	Plastic	Metal
Pin Assignment		FF		FF	
MM : Male Connector Male Contact FF: Female Connector Female Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	AAD-02BFFM-SL7A11	-	AAD-03BFFM-SL7A11	-
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	AAD-02BFFM-SR7A11*	-	AAD-03BFFM-SR7A11*	-
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF					
	End1: (F) FF End2: (F) FF	AA-AAD02FL-AADFL-SA11*	-	AA-AAD03FL-AADFL-SA11*	-
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF					
	End1: (F) FF End2: (F) FF	AA-AAD02FR-AADFR-SA11*	-	AA-AAD03FR-AADFR-SA11*	-
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF					
	End1: (F) FF End2: (F) FF	AA-AAD02FL-AADFR-SA11*	-	AA-AAD03FL-AADFR-SA11*	-
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	AD-02BFFA-SL7001	1ASD-02BFFA-SL7001*	AD-03BFFA-SL7001	1ASD-03BFFA-SL7001*
	Crimp Type	AAD-02BFFC-SL711P0*	-	AAD-03BFFC-SL711P0*	-

*Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4		5		6	
250V		250V		250V	
2A		2A		2A	
Plastic	Metal	Plastic	Metal	Plastic	Metal
FF		FF		FF	
					
AU-04BFFM-SL7A11	-	AU-05BFFM-SL7A11	-	AU-06BFFM-SL7A11	-
AAU-04BFFM-SR7A11*	-	AAU-05BFFM-SR7A11*	-	AAU-06BFFM-SR7A11*	-
AA-AAU04FL-AAUFL-SA11*	-	AA-AAU05FL-AAUFL-SA11*	-	AA-AAU06FL-AAUFL-SA11*	-
AA-AAU04FR-AAUFR-SA11*	-	AA-AAU05FR-AAUFR-SA11*	-	AA-AAU06FR-AAUFR-SA11*	-
AA-AAU04FL-AAUFR-SA11*	-	AA-AAU05FL-AAUFR-SA11*	-	AA-AAU06FL-AAUFR-SA11*	-
AU-04BFFA-SL7001	1ASU-04BFFA-SL7001*	AU-05BFFA-SL7001	1ASU-05BFFA-SL7001*	AU-06BFFA-SL7001	1ASU-06BFFA-SL7001*
AAU-04BFFC-SL711P0*	-	AAU-05BFFC-SL711P0*	-	AAU-06BFFC-SL711P0*	-

Dust Cap




With Rubber Lead

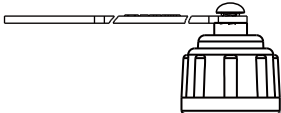
Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
Mini A Size	Receptacle	Cover	Male	With Rubber Lead	CAP-DAAMDPC1

Waterproof Cap

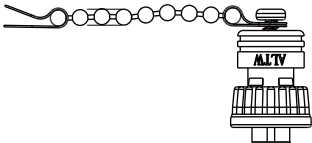
For Mating with Male Connector



None

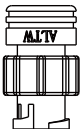


With Rubber Lead

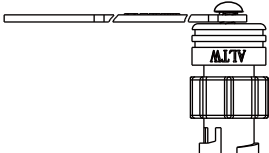


With Chain

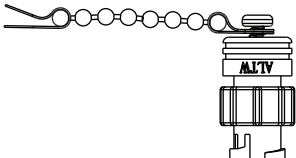
For Mating with Female Connector



None



With Rubber Lead



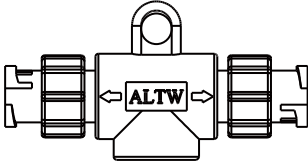
With Chain

7 2 Contacts (1)
4 ~ 6 Contacts (2)
3 Contacts (3)

Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
Mini A Size	Receptacle	Screw Thread	Male	With Rubber Lead	CAP-WAAMSPC1
		2 Points Lock	Male	With Rubber Lead	CAP-WAAMLPC7
		2 Points Lock	Female	With Rubber Lead	CAP-WAAFLPC1
		2 Points Lock	Male	With Chain	CAP-WAAMLPB7
		2 Points Lock	Female	With Chain	CAP-WAAFLPB1
	Overmolded With Cable Field Serviceable/Installable	Screw Thread	Male	None	CAP-WAAMSMA1
		2 Points Lock	Male	None	CAP-WAAMLMA7
		2 Points Lock	Female	None	CAP-WAAFLMA1

I Adaptor

1



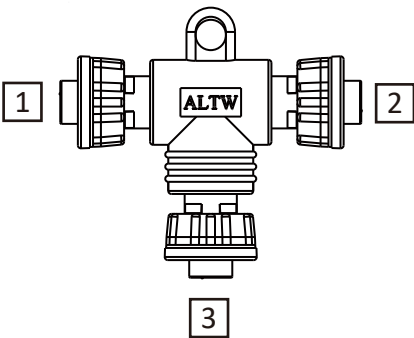
2

5 For Connector 1
6 For Connector 2

Connector Gender / Contact Gender
Male / Male (M)
Female / Female (F)

Size	Nominal Current	No. of Contacts3	Mating Style	
			Screw Thread (7/16"-28 UNS)	2 Points Lock
Mini A Size	2A	04, 05, 06	AA-0033-056-IS001*	AA-0033-056-IL001
	5A	02, 03		

T Adaptor



5 For Connector 1

6 For Connector 2

7 For Connector 3

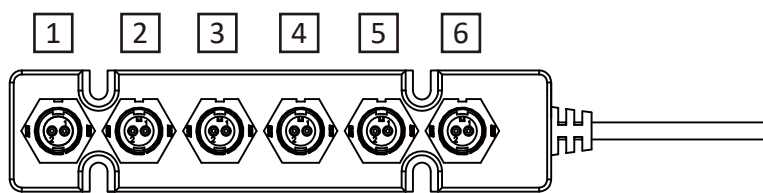
Connector Gender / Contact Gender

Male / Male (M)

Female / Female (F)

Size	Nominal Current	No. of Contacts 2	Mating Style	
			Screw Thread (7/16"-28 UNS)	2 Points Lock
Mini A Size	2A	04, 05, 06	AA-2 2 2-5 6 7-TS001	AA-2 2 2-5 6 7-TL001
	5A	02, 03		

Distribution Box



8 For Connector 1

9 For Connector 2

10 For Connector 3

11 For Connector 4

12 For Connector 5

13 For Connector 6

Connector Gender / Contact Gender

Male / Male (M)

Female / Female (F)

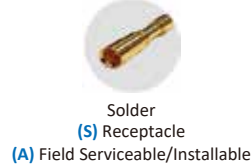
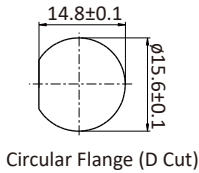
Male / Female (H)

Female / Male (B)

Size	Nominal Current	No. of Contacts 2	Mating Style	
			Screw Thread (7/16"-28 UNS)	2 Points Lock
Mini A Size	2A	04, 05, 06	A-2 2 2 2 2 2-8 9 10 11 12 13-SAXX*	A-2 2 2 2 2 2-8 9 10 11 12 13-LAXX*
	5A	02, 03		

* XX: Choose the cable length: {01}1M ~ {99}99M / PVC UL2464 Cable

Panel Cut Out Assemble Style



No of Contacts		2			
Rated Voltage (AC/DC)		250 ~ 600V			
Nominal Current		5A		10A	
Plastic / Metal		Plastic			
Pin Assignment		MM	MF	MM	MF
MM : Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM : Female Connector Male Contact					
Receptacle, Circular Flange, FRONT Fastened Nut, IP67 (Unmated)					
Nut Torque Value: 10 ~ 12 kgf.cm Recommended Panel Thickness: (with cap) max. 2.0mm / 4.0mm, (without cap) max. 3.5mm / 5.0mm					
	Solder Type	ABD-02PMMS-LC7001	ABD-02PMFS-LC7001	ABB-02PMMS-LC7001	ABB-02PMFS-LC7001
	180° PCB Type	BD-02PMMP-LC7001	BD-02PMFP-LC7001	BB-02PMMP-LC7001	BB-02PMFP-LC7001
	90° PCB Type	ABD02PMMR-LC7001*	-	-	-
Receptacle, Circular Flange, REAR Fastened Nut, IP67 (Unmated)					
Nut Torque Value: 10 ~ 12 kgf.cm Recommended Panel Thickness: (with cap) max. 2.0mm / 4.0mm, (without cap) max. 3.5mm / 5.0mm					
	Solder Type	ABD-02RMMS-LC7001	ABD-02RMFS-LC7001	ABB-02RMMS-LC7001	ABB-02RMFS-LC7001
Receptacle With Cable, STRAIGHT , IP67 (Unmated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	BD-02PMMM-LL7A⑪	BD-02PMFM-LL7A⑪	BB-02PMMM-LL7A⑪	BB-02PMFM-LL7A⑪
STRAIGHT , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	BD-02BMMM-LL7A⑪	BD-02BMFM-LL7A⑪	BB-02BMMM-LL7A⑪	ABB-02BMFM-LL7A⑪*
Field Serviceable/Installable, STRAIGHT , Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	BD-02BMMMA-LL7001	BD-02BMFA-LL7001	BB-02BMMMA-LL7001	ABB-02BMFA-LL7001*
	Crimp Type	ABD-02BMMC-LL7⑪PO*	ABD-02BMFC-LL7⑪PO*	ABB-02BMMC-LL7⑪PO*	ABB-02BMFC-LL7⑪PO*

STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (B) FM, (H) MF					
	End1: (M) MM End2: (M) MM	AA-ABD02ML-ABDML-LA⑪*	-	AA-ABB02ML-ABBML-LA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ABD02ML-ABDFL-LA⑪*	-	AA-ABB02ML-ABBFL-LA⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ABD02HL-ABDHL-LA⑪*	-	AA-ABB02HL-ABBHL-LA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ABD02HL-ABDBL-LA⑪*	-	AA-ABB02HL-ABBBL-LA⑪*
STRAIGHT-TO-RIGHT ANGLE , Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (B) FM, (H) MF					
	End1: (M) MM End2: (F) FF	AA-ABD02ML-ABDFR-LA⑪*	-	AA-ABB02ML-ABBFR-LA⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ABD02HL-ABDBR-LA⑪*	-	AA-ABB02HL-ABBBR-LA⑪*

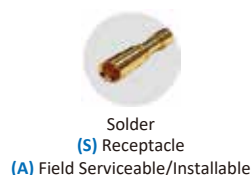
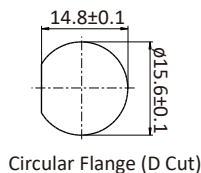
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3				4			
250 ~ 600V				250 ~ 600V			
5A		10A		5A		10A	
Plastic				Plastic			
MM	MF	MM	MF	MM	MF	MM	MF
ABD-03PMMS-LC7001	ABD-03PMFS-LC7001	ABB-03PMMS-LC7001	ABB-03PMFS-LC7001	ABD-04PMMS-LC7001	ABD-04PMFS-LC7001	ABB-04PMMS-LC7001	ABB-04PMFS-LC7001*
BD-03PMMP-LC7001	BD-03PMFP-LC7001	BB-03PMMP-LC7001	BB-03PMFP-LC7001	BD-04PMMP-LC7001	BD-04PMFP-LC7001	BB-04PMMP-LC7001	1BB-04PMFP-LC7001*
ABD-03PMMR-LC7001*	-	-	-	BD-04PMMR-LC7001	-	-	-
ABD-03RMMS-LC7001	ABD-03RMFS-LC7001	ABB-03RMMS-LC7001	ABB-03RMFS-LC7001	ABD-04RMMS-LC7001	ABD-04RMFS-LC7001	ABB-04RMMS-LC7001	ABB-04RMFS-LC7001*
BD-03PMMM-LL7A⑪	BD-03PMFM-LL7A⑪	BB-03PMMM-LL7A⑪	BB-03PMFM-LL7A⑪	BD-04PMMM-LL7A⑪	BD-04PMFM-LL7A⑪	BB-04PMMM-LL7A⑪	ABB-04PMFM-LL7A⑪*
BD-03BMMM-LL7A⑪	BD-03BMFM-LL7A⑪	BB-03BMMM-LL7A⑪	ABB-03BMFM-LL7A⑪*	BD-04BMMM-LL7A⑪	BD-04BMFM-LL7A⑪	BB-04BMMM-LL7A⑪	ABB-04BMFM-LL7A⑪*
BD-03BMMMA-LL7001	BD-03BMFA-LL7001	BB-03BMMMA-LL7001	ABB-03BMFA-LL7001*	BD-04BMMMA-LL7001	BD-04BMFA-LL7001	BB-04BMMMA-LL7001	ABB-04BMFA-LL7001*
ABD-03BMMC-LL7⑪PO	ABD-03BMFC-LL7⑪PO	ABB-03BMMC-LL7⑪PO	ABB-03BMFC-LL7⑪PO*	ABD-04BMMC-LL7⑪PO	ABD-04BMFC-LL7⑪PO	ABB-04BMMC-LL7⑪PO	ABB-04BMFC-LL7⑪PO*

AA-ABD03ML-ABDML-LA⑪*	-	AA-ABB03ML-ABBML-LA⑪*	-	AA-ABD04ML-ABDML-LA⑪*	-	AA-ABB04ML-ABBML-LA⑪*	-
AA-ABD03ML-ABDFL-LA⑪*	-	AA-ABB03ML-ABBFL-LA⑪*	-	AA-ABD04ML-ABDFL-LA⑪*	-	AA-ABB04ML-ABBFL-LA⑪*	-
-	AA-ABD03HL-ABDHL-LA⑪*	-	AA-ABB03HL-ABBHL-LA⑪*	-	AA-ABD04HL-ABDHL-LA⑪*	-	AA-ABB04HL-ABBHL-LA⑪*
-	AA-ABD03HL-ABDBL-LA⑪*	-	AA-ABB03HL-ABBBL-LA⑪*	-	AA-ABD04HL-ABDBL-LA⑪*	-	AA-ABB04HL-ABBBL-LA⑪*
AA-ABD03ML-ABDFR-LA⑪*	-	AA-ABB03ML-ABBFR-LA⑪*	-	AA-ABD04ML-ABDFR-LA⑪*	-	AA-ABB04ML-ABBFR-LA⑪*	-
-	AA-ABD03HL-ABDBR-LA⑪*	-	AA-ABB03HL-ABBBL-LA⑪*	-	AA-ABD04HL-ABDBR-LA⑪*	-	AA-ABB04HL-ABBBL-LA⑪*

Panel Cut Out Assemble Style



No of Contacts	5		6	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	5A		5A	
Plastic / Metal	Plastic		Plastic	
Pin Assignment	MM	MF	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.0mm / 4.0mm, (without cap) max. 3.5mm / 5.0mm

	Solder Type	ABD-05PMMS-LC7001	ABD-05PMFS-LC7001	ABD-06PMMS-LC7001	ABD-06PMFS-LC7001
	180° PCB Type	BD-05PMMP-LC7001	BD-05PMFP-LC7001	BD-06PMMP-LC7001	BD-06PMFP-LC7001
	90° PCB Type	BD-05PMMR-LC7001	-	BD-06PMMR-LC7001	-

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.0mm / 4.0mm, (without cap) max. 3.5mm / 5.0mm

	Solder Type	ABD-05RMS-LC7001	ABD-05RMFS-LC7001	ABD-06RMS-LC7001	ABD-06RMFS-LC7001
--	-------------	------------------	-------------------	------------------	-------------------

Receptacle With Cable, **STRAIGHT**, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	BD-05PMML-LL7A⑪	BD-05PMFM-LL7A⑪	BD-06PMML-LL7A⑪	BD-06PMFM-LL7A⑪
--	--------------------	-----------------	-----------------	-----------------	-----------------

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	BD-05BMM-LL7A⑪	BD-05BMF-LL7A⑪	BD-06BMM-LL7A⑪	BD-06BMF-LL7A⑪
--	--------------------	----------------	----------------	----------------	----------------

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	BD-05BMA-LL7001	BD-05BMFA-LL7001	BD-06BMA-LL7001	BD-06BMFA-LL7001
	Crimp Type	ABD-05BMMC-LL7⑪ P0*	ABD-05BMFC-LL7⑪ P0*	ABD-06BMMC-LL7⑪ P0*	ABD-06BMFC-LL7⑪ P0*

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (B) FM, (H) MF

	End1: (M) MM End2: (M) MM	AA-ABD05ML-ABDML-LA⑪*	-	AA-ABD06ML-ABDML-LA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ABD05ML-ABDFL-LA⑪*	-	AA-ABD06ML-ABDFL-LA⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ABD05HL-ABDHL-LA⑪*	-	AA-ABD06HL-ABDHL-LA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ABD05HL-ABDBL-LA⑪*	-	AA-ABD06HL-ABDBL-LA⑪*






STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (B) FM, (H) MF

	End1: (M) MM End2: (F) FF	AA-ABD05ML-ABDFR-LA⑪*	-	AA-ABD06ML-ABDFR-LA⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ABD05HL-ABDBR-LA⑪*	-	AA-ABD06HL-ABDBR-LA⑪*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6	7		8			10	12
250 ~ 600V	250 ~ 600V		250 ~ 600V			250 ~ 600V	250 ~ 600V
10A+5A	5A		5A		5A+2A	2A	2A
Plastic	Plastic		Plastic			Plastic	Plastic
MF	MM	MF	MM	MF	MF	MM	MM
							
BBD-06PMFS-LC7001	ABD-07PMMs-LC7001	ABD-07PMFS-LC7001*	ABD-08PMMs-LC7001	ABD-08PMFS-LC7001*	BDU-08PMFS-LC7001	BU-10PMMs-LC7001	BU-12PMMs-LC7001
BBD-06PMFP-LC7001	BD-07PMPp-LC7001	1BD-07PMFP-LC7001*	BD-08PMPp-LC7001	1BD-08PMFP-LC7001*	BDU-08PMFP-LC7001	BU-10PMPp-LC7001	BU-12PMPp-LC7001
-	BD-07PMMR-LC7001		BD-08PMMR-LC7001	-	-	-	-
BBD-06RMFS-LC7001	ABD-07RMMs-LC7001	ABD-07RMFS-LC7001*	ABD-08RMMs-LC7001	ABD-08RMFS-LC7001*	BDU-08RMFS-LC7001	BU-10RMMs-LC7001	BU-12RMMs-LC7001
BBD-06PMFM-LL7A11	BD-07PMMM-LL7A11	ABD-07PMFM-LL7A11*	BD-08PMMM-LL7A11	ABD-08PMFM-LL7A11*	BDU-08PMFM-LL7A11	BU-10PMMM-LL7A11	BU-12PMMM-LL7A11
BBD-06BMFM-LL7A11	BD-07BMMM-LL7A11	ABD-07BMFM-LL7A11*	BD-08BMMM-LL7A11	ABD-08BMFM-LL7A11*	ABDU-08BMFM-LL7A11*	BU-10BMMM-LL7A11	BU-12BMMM-LL7A11
BBD-06BMFA-LL7001	BD-07BMMA-LL7001	ABD-07BMFA-LL7001*	BD-08BMMA-LL7001	ABD-08BMFA-LL7001*	ABDU-08BMFA-LL7001*	BU-10BMMA-LL7001	BU-12BMMA-LL7001
-	ABD-07BMMC-LL711PO*	ABD-07BMFC-LL711PO*	ABD-08BMMC-LL711PO	ABD-08BMFC-LL711PO*	-	-	-
-	AA-ABD07ML-ABDML-LA11*	-	AA-ABD08ML-ABDML-LA11*	-	-	AA-ABU10ML-ABUML-LA11*	AA-ABU12ML-ABUML-LA11*
-	AA-ABD07ML-ABDFL-LA11*	-	AA-ABD08ML-ABDFL-LA11*	-	-	AA-ABU10ML-ABUFL-LA11*	AA-ABU12ML-ABUFL-LA11*
AA-ABD06HL-ABBDHL-LA11*	-	AA-ABD07HL-ABDHL-LA11*	-	AA-ABD08HL-ABDHL-LA11*	AA-ABDU08HL-ABDUHL-LA11*	-	-
AA-ABD06HL-ABDBL-LA11*	-	AA-ABD07HL-ABDBL-LA11*	-	AA-ABD08HL-ABDBL-LA11*	AA-ABDU08HL-ABDUBL-LA11*	-	-
-	AA-ABD07ML-ABDFR-LA11*	-	AA-ABD08ML-ABDFR-LA11*	-	-	AA-ABU10ML-ABUFR-LA11*	AA-ABU12ML-ABUFR-LA11*
AA-ABD06HL-ABDBR-LA11*	-	AA-ABD07HL-ABDBR-LA11*	-	AA-ABD08HL-ABDBR-LA11*	AA-ABDU08HL-ABDUBR-LA11*	-	-

Assemble Style



Solder







Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts		2			
Rated Voltage (AC/DC)		250 ~ 600V			
Nominal Current		5A		10A	
Plastic / Metal		Plastic			
Pin Assignment		FF	FM	FF	FM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ABD-02BFFM-LL7A⑪	ABD-02BFMM-LL7A⑪	ABB-02BFFM-LL7A⑪	ABB-02BFMM-LL7A⑪
RIGHT ANGLE , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ABD-02BFFM-LR7A⑪*	ABD-02BFMM-LR7A⑪*	ABB-02BFFM-LR7A⑪*	ABB-02BFMM-LR7A⑪*
STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD02FL-ABDFL-LA⑪*	-	AA-ABB02FL-ABBFL-LA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ABD02BL-ABDBL-LA⑪*	-	AA-ABB02BL-ABBBL-LA⑪*
RIGHT ANGLE-TO-RIGHT ANGLE , Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD02FR-ABDFR-LA⑪*	-	AA-ABB02FR-ABBFR-LA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ABD02BR-ABDBR-LA⑪*	-	AA-ABB02BR-ABBBR-LA⑪*
STRAIGHT-TO-RIGHT ANGLE , Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD02FL-ABDFR-LA⑪*	-	AA-ABB02FL-ABBFR-LA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ABD02BR-ABDBR-LA⑪*	-	AA-ABB02BL-ABBBR-LA⑪*
Field Serviceable/Installable, STRAIGHT , Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	BD-02BFFA-LL7001	BD-02BFMA-LL7001	BB-02BFFA-LL7001	BB-02BFMA-LL7001
	Crimp Type	NEW ABD-02BFFC-LL7⑪ P0*	ABD-02BFMC-LL7⑪ P0*	ABB-02BFFC-LL7⑪ P0*	ABB-02BFMC-LL7⑪ P0*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3				4			
250 ~ 600V				250 ~ 600V			
5A		10A		5A		10A	
Plastic				Plastic			
FF	FM	FF	FM	FF	FM	FF	FM
							
ABD-03BFFM-LL7A 11	ABD-03BFMM-LL7A 11	ABB-03BFFM-LL7A 11	ABB-03BFMM-LL7A 11	ABD-04BFFM-LL7A 11	ABD-04BFMM-LL7A 11	ABB-04BFFM-LL7A 11	ABB-04BFMM-LL7A 11 *
ABD-03BFFM-LR7A 11 *	ABD-03BFMM-LR7A 11 *	ABB-03BFFM-LR7A 11 *	ABB-03BFMM-LR7A 11 *	ABD-04BFFM-LR7A 11 *	ABD-04BFMM-LR7A 11 *	ABB-04BFFM-LR7A 11 *	ABB-04BFMM-LR7A 11 *
AA-ABD03FL-ABDFL-LA 11 *	-	AA-ABB03FL-ABBFL-LA 11 *	-	AA-ABD04FL-ABDFL-LA 11 *	-	AA-ABB04FL-ABBFL-LA 11 *	-
-	AA-ABD03BL-ABDBL-LA 11 *	-	AA-ABB03BL-ABBBL-LA 11 *	-	AA-ABD04BL-ABDBL-LA 11 *	-	AA-ABB04BL-ABBBL-LA 11 *
AA-ABD03FR-ABDFR-LA 11 *	-	AA-ABB03FR-ABBFR-LA 11 *	-	AA-ABD04FR-ABDFR-LA 11 *	-	AA-ABB04FR-ABBFR-LA 11 *	-
-	AA-ABD03BR-ABDBR-LA 11 *	-	AA-ABB03BR-ABBBR-LA 11 *	-	AA-ABD04BR-ABDBR-LA 11 *	-	AA-ABB04BR-ABBBR-LA 11 *
AA-ABD03FL-ABDFR-LA 11 *	-	AA-ABB03FL-ABBFR-LA 11 *	-	AA-ABD04FL-ABDFR-LA 11 *	-	AA-ABB04FL-ABBFR-LA 11 *	-
-	AA-ABD03BR-ABDBR-LA 11 *	-	AA-ABB03BL-ABBBR-LA 11 *	-	AA-ABD04BR-ABDBR-LA 11 *	-	AA-ABB04BL-ABBBR-LA 11 *
BD-03BFFA-LL7001	BD-03BFMA-LL7001	BB-03BFFA-LL7001	BB-03BFMA-LL7001	BD-04BFFA-LL7001	BD-04BFMA-LL7001	BB-04BFFA-LL7001	ABB-04BFMA-LL7001 *
ABD-03BFFC-LL7 11 PO *	ABD-03BFMC-LL7 11 PO *	ABB-03BFFC-LL7 11 PO *	ABB-03BFMC-LL7 11 PO	ABD-04BFFC-LL7 11 PO *	ABD-04BFMC-LL7 11 PO *	ABB-04BFFC-LL7 11 PO	ABB-04BFMC-LL7 11 PO *

Assemble Style



Solder



Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

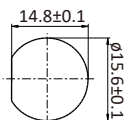
No of Contacts	5		6		
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V		
Nominal Current	5A		5A	10A+5A	
Plastic / Metal	Plastic		Plastic		
Pin Assignment	FF	FM	FF	FM	FM
FF: Female Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ABD-05BFFM-LL7A11	ABD-05BFMM-LL7A11	ABD-06BFFM-LL7A11	ABD-06BFMM-LL7A11
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ABD-05BFFM-LR7A11*	ABD-05BFMM-LR7A11*	ABD-06BFFM-LR7A11*	ABD-06BFMM-LR7A11*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD05FL-ABDFL-LA11*	-	AA-ABD06FL-ABDFL-LA11	-
	End1: (B) FM End2: (B) FM	-	AA-ABD05BL-ABDBL-LA11*	-	AA-ABD06BL-ABDBL-LA11*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD05FR-ABDFR-LA11*	-	AA-ABD06FR-ABDFR-LA11*	-
	End1: (B) FM End2: (B) FM	-	AA-ABD05BR-ABDBR-LA11*	-	AA-ABD06BR-ABDBR-LA11*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD05FL-ABDFR-LA11*	-	AA-ABD06FL-ABDFR-LA11*	-
	End1: (B) FM End2: (B) FM	-	AA-ABD05BR-ABDBR-LA11*	-	AA-ABD06BR-ABDBR-LA11*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	BD-05BFFA-LL7001	BD-05BFMA-LL7001	BD-06BFFA-LL7001	BD-06BFMA-LL7001
	Crimp Type	ABD-05BFFC-LL711P0*	ABD-05BFMC-LL711P0*	ABD-06BFFC-LL711P0*	ABD-06BFMC-LL711P0*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

7		8			10	12
250 ~ 600V		250 ~ 600V			250 ~ 600V	250 ~ 600V
5A		5A		5A+2A	2A	2A
Plastic		Plastic			Plastic	Plastic
FF	FM	FF	FM	FM	FF	FF
ABD-07BFFM-LL7A11	ABD-07BFMM-LL7A11*	ABD-08BFFM-LL7A11	ABD-08BFMM-LL7A11*	BDU-08BFMM-LL7A11	BU-10BFFM-LL7A11	BU-12BFFM-LL7A11
ABD-07BFFM-LR7A11*	ABD-07BFMM-LR7A11*	ABD-08BFFM-LR7A11*	ABD-08BFMM-LR7A11*	ABDU-08BFMM-LR7A11*	ABU-10BFFM-LR7A11*	ABU-12BFFM-LR7A11*
AA-ABD07FL-ABD11FL-LA11*	-	AA-ABD08FL-ABD11FL-LA11	-	-	AA-ABU10FL-ABU11FL-LA11*	AA-ABU12FL-ABU11FL-LA11*
-	AA-ABD07BL-ABD11BL-LA11*	-	AA-ABD08BL-ABD11BL-LA11*	AA-ABDU08BL-ABDU11BL-LA11*	-	-
AA-ABD07FR-ABD11FR-LA11*	-	AA-ABD08FR-ABD11FR-LA11*	-		AA-ABU10FR-ABU11FR-LA11*	AA-ABU12FR-ABU11FR-LA11*
-	AA-ABD07BR-ABD11BR-LA11*	-	AA-ABD08BR-ABD11BR-LA11*	AA-ABDU08BR-ABDU11BR-LA11*	-	-
AA-ABD07FL-ABD11FR-LA11*	-	AA-ABD08FL-ABD11FR-LA11*	-	-	AA-ABU10FL-ABU11FR-LA11*	AA-ABU12FL-ABU11FR-LA11*
-	AA-ABD07BR-ABD11BR-LA11*	-	AA-ABD08BR-ABD11BR-LA11*	AA-ABDU08BL-ABDU11BR-LA11*	-	-
BD-07BFFA-LL7001	ABD-07BFMA-LL7001*	BD-08BFFA-LL7001	ABD-08BFMA-LL7001*	BDU-08BFMA-LL7001	BU-10BFFA-LL7001	BU-12BFFA-LL7001
ABD-07BFFC-LL711P0*	ABD-07BFMC-LL711P0*	ABD-08BFFC-LL711P0	ABD-08BFMC-LL711P0*	-	ABU-10BFFC-LL711P0*	ABU-12BFFC-LL711P0*

Panel Cut Out Assemble Style





Circular Flange (D Cut)


PCB 180°
(P) Receptacle

PCB 90°
(R) Receptacle

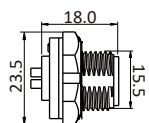
Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

No of Contacts	2			
Rated Voltage (AC/DC)	250 ~ 600V			
Nominal Current	5A		10A	
Plastic / Metal	Plastic			
Pin Assignment	MM	MF	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact				

Receptacle, Circular Flange, FRONT Fastened Nut, IP67 (Unmated)

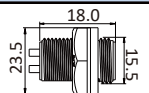
Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.0mm / 4.0mm, (without cap) max. 3.5mm / 5.0mm



Solder Type	ABD-02PMM5-SC7001	ABD-02PMF5-SC7001	ABB-02PMM5-SC7001	ABB-02PMF5-SC7001
180° PCB Type	BD-02PMP-SC7001	BD-02PMF-SC7001	BB-02PMP-SC7001	BB-02PMF-SC7001
90° PCB Type	ABD-02PMMR-SC7001*	-	-	-

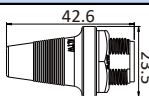
Receptacle, Circular Flange, REAR Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.0mm / 4.0mm, (without cap) max. 3.5mm / 5.0mm



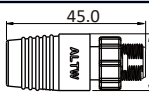
Solder Type	BD-02RMM5-SC7001	BD-02RMF5-SC7001	BB-02RMM5-SC7001	BB-02RMF5-SC7001
-------------	------------------	------------------	------------------	------------------

Receptacle With Cable, STRAIGHT, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾


UL2464, PVC Jacket	BD-02PMMM-SL7A⑪	BD-02PMFM-SL7A⑪	BB-02PMMM-SL7A⑪	BB-02PMFM-SL7A⑪
--------------------	-----------------	-----------------	-----------------	-----------------

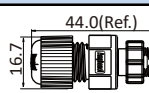
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾


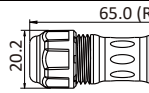
UL2464, PVC Jacket	ABD-02BMMM-SL7A⑪*	ABD-02BMFM-SL7A⑪*	ABB-02BMMM-SL7A⑪*	ABB-02BMFM-SL7A⑪*
--------------------	-------------------	-------------------	-------------------	-------------------

Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

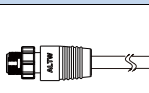


Solder Type	ABD-02BMA-SL7001*	ABD-02BMFA-SL7001*	ABB-02BMA-SL7001*	ABB-02BMFA-SL7001*
-------------	-------------------	--------------------	-------------------	--------------------

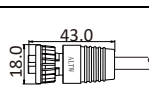


Crimp Type	ABD-02BMMC-SL7⑪PO*	ABD-02BMFC-SL7⑪PO*	ABB-02BMMC-SL7⑪PO*	ABB-02BMFC-SL7⑪PO*
------------	--------------------	--------------------	--------------------	--------------------

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

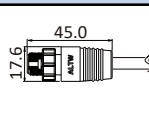
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM


End1: (M) MM End2: (M) MM	AA-ABD02ML-ABDML-SA⑪*	-	AA-ABB02ML-ABBML-SA⑪*	-
End1: (M) MM End2: (F) FF	AA-ABD02ML-ABDFL-SA⑪*	-	AA-ABB02ML-ABBFL-SA⑪	-



End1: (H) MF End2: (H) MF	-	AA-ABD02HL-ABDHL-SA⑪*	-	AA-ABB02HL-ABBHL-SA⑪*
End1: (H) MF End2: (B) FM	-	AA-ABD02HL-ABDBL-SA⑪*	-	AA-ABB02HL-ABBBL-SA⑪*




STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM


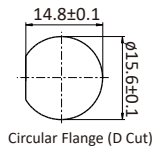
End1: (M) MM End2: (F) FF	AA-ABD02ML-ABDFR-SA⑪*	-	AA-ABB02ML-ABBFR-SA⑪*	-
End1: (H) MF End2: (B) FM	-	AA-ABD02HL-ABDBR-SA⑪*	-	AA-ABB02HL-ABBBR-SA⑪*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3				4			
250 ~ 600V				250 ~ 600V			
5A		10A		5A		10A	
Plastic				Plastic			
MM	MF	MM	MF	MM	MF	MM	MF
							
ABD-03PMM S -SC7001	ABD-03PM F S -SC7001	ABB-03PMM S -SC7001	ABB-03PM F S -SC7001	ABD-04PMM S -SC7001	ABD-04PM F S -SC7001	ABB-04PMM S -SC7001	ABB-04PM F S -SC7001*
BD-03PMMP-SC7001	BD-03PM F P -SC7001	BB-03PMMP-SC7001	BB-03PM F P -SC7001	BD-04PMMP-SC7001	BD-04PM F P -SC7001	BB-04PMMP-SC7001	1BB-04PM F P -SC7001*
ABD-03PMM R -SC7001*	-	-	-	BD-04PMM R -SC7001	-	-	-
BD-03RM S -SC7001	BD-03RM F S -SC7001	BB-03RM S -SC7001	BB-03RM F S -SC7001	BD-04RM S -SC7001	BD-04RM F S -SC7001	BB-04RM S -SC7001	ABB-04RM F S -SC7001*
BD-03PMMM-SL7A⑪	BD-03PM F M -SL7A⑪	BB-03PMMM-SL7A⑪	BB-03PM F M -SL7A⑪	BD-04PMMM-SL7A⑪	BD-04PM F M -SL7A⑪	BB-04PMMM-SL7A⑪	ABB-04PM F M -SL7A⑪*
ABD-03BMMM-SL7A⑪*	ABD-03BM F M -SL7A⑪*	ABB-03BMMM-SL7A⑪*	ABB-03BM F M -SL7A⑪*	ABD-04BMMM-SL7A⑪*	ABD-04BM F M -SL7A⑪*	ABB-04BMMM-SL7A⑪*	ABB-04BM F M -SL7A⑪*
ABD-03BMM A -SL7001*	ABD-03BM F A -SL7001*	ABB-03BMM A -SL7001*	ABB-03BM F A -SL7001*	ABD-04BMM A -SL7001*	ABD-04BM F A -SL7001*	ABB-04BMM A -SL7001*	ABB-04BM F A -SL7001*
ABD-03BMM C -SL7⑪PO*	ABD-03BM F C -SL7⑪PO*	ABB-03BMM C -SL7⑪PO*	ABB-03BM F C -SL7⑪PO*	ABD-04BMM C -SL7⑪PO*	ABD-04BM F C -SL7⑪PO*	ABB-04BMM C -SL7⑪PO*	ABB-04BM F C -SL7⑪PO*
AA-ABD03ML-ABDML-SA⑪*	-	AA-ABB03ML-ABBML-SA⑪*	-	AA-ABD04ML-ABDML-SA⑪*	-	AA-ABB04ML-ABBML-SA⑪*	-
AA-ABD03ML-ABDFL-SA⑪*	-	AA-ABB03ML-ABBFL-SA⑪	-	AA-ABD04ML-ABDFL-SA⑪*	-	AA-ABB04ML-ABBFL-SA⑪	-
-	AA-ABD03HL-ABDHL-SA⑪*	-	AA-ABB03HL-ABBHL-SA⑪*	-	AA-ABD04HL-ABDHL-SA⑪*	-	AA-ABB04HL-ABBHL-SA⑪*
-	AA-ABD03HL-ABDBL-SA⑪*	-	AA-ABB03HL-ABBBL-SA⑪*	-	AA-ABD04HL-ABDBL-SA⑪*	-	AA-ABB04HL-ABBBL-SA⑪*
AA-ABD03ML-ABDFR-SA⑪*	-	AA-ABB03ML-ABBFR-SA⑪*	-	AA-ABD04ML-ABDFR-SA⑪*	-	AA-ABB04ML-ABBFR-SA⑪*	-
-	AA-ABD03HL-ABDBR-SA⑪*	-	AA-ABB03HL-ABBBR-SA⑪*	-	AA-ABD04HL-ABDBR-SA⑪*	-	AA-ABB04HL-ABBBR-SA⑪*

Panel Cut Out Assemble Style


PCB 180°
(P) Receptacle

PCB 90°
(R) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

No of Contacts	5		6		
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V		
Nominal Current	5A		5A		10A+5A
Plastic / Metal	Plastic		Plastic		
Pin Assignment	MM	MF	MM	MF	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact					

Receptacle, Circular Flange, FRONT Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.0mm / 4.0mm, (without cap) max. 3.5mm / 5.0mm

	Solder Type	ABD-05PMMMS-SC7001	ABD-05PMFMS-SC7001	ABD-06PMMMS-SC7001	ABD-06PMFMS-SC7001	BBD-06PMFMS-SC7001
	180° PCB Type	BD-05PMMMP-SC7001	BD-05PMFMP-SC7001	BD-06PMMMP-SC7001	BD-06PMFMP-SC7001	BBD-06PMFMP-SC7001
	90° PCB Type	BD-05PMMMR-SC7001	-	BD-06PMMMR-SC7001	-	-

Receptacle, Circular Flange, REAR Fastened Nut, IP67 (Unmated)

Nut Torque Value: 10 ~ 12 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.0mm / 4.0mm, (without cap) max. 3.5mm / 5.0mm

	Solder Type	BD-05RMMMS-SC7001	BD-05RMFMS-SC7001	BD-06RMMMS-SC7001	BD-06RMFMS-SC7001	BBD-06RMFMS-SC7001
--	-------------	-------------------	-------------------	-------------------	-------------------	--------------------

Receptacle With Cable, STRAIGHT, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	BD-05PMMMS-SL7A⑪	BD-05PMFMS-SL7A⑪	BD-06PMMMS-SL7A⑪	BD-06PMFMS-SL7A⑪	BBD-06PMFMS-SL7A⑪
--	--------------------	------------------	------------------	------------------	------------------	-------------------

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ABD-05BMMMS-SL7A⑪*	ABD-05BMFMS-SL7A⑪*	ABD-06BMMMS-SL7A⑪*	ABD-06BMFMS-SL7A⑪*	ABBD-06BMFMS-SL7A⑪*
--	--------------------	--------------------	--------------------	--------------------	--------------------	---------------------

Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	ABD-05BMMMS-SL7001*	ABD-05BMFMS-SL7001*	ABD-06BMMMS-SL7001*	ABD-06BMFMS-SL7001*	ABBD-06BMFMS-SL7001*
	Crimp Type	ABD-05BMMMS-SL7⑪PO*	ABD-05BMFMS-SL7⑪PO*	ABD-06BMMMS-SL7⑪PO*	ABD-06BMFMS-SL7⑪PO*	-

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ABD05ML-ABDML-SA⑪*	-	AA-ABD06ML-ABDML-SA⑪*	-	-
	End1: (M) MM End2: (F) FF	AA-ABD05ML-ABDFL-SA⑪*	-	AA-ABD06ML-ABDFL-SA⑪*	-	-
	End1: (H) MF End2: (H) MF	-	AA-ABD05HL-ABDHL-SA⑪*	-	AA-ABD06HL-ABDHL-SA⑪*	AA-ABBD06HL-ABBDHL-SA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ABD05HL-ABDBL-SA⑪*	-	AA-ABD06HL-ABDBL-SA⑪*	AA-ABBD06HL-ABDBDL-SA⑪*






STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (F) FF	AA-ABD05ML-ABDFR-SA⑪*	-	AA-ABD06ML-ABDFR-SA⑪*	-	-
	End1: (H) MF End2: (B) FM	-	AA-ABD05HL-ABDBR-SA⑪*	-	AA-ABD06HL-ABDBR-SA⑪*	AA-ABBD06HL-ABDBDR-SA⑪*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

7		8			10	12
250 ~ 600V		250 ~ 600V			250 ~ 600V	250 ~ 600V
5A		5A		5A+2A	2A	2A
Plastic		Plastic			Plastic	Plastic
MM	MF	MM	MF	MF	MM	MM
						
ABD-07PMMMS-SC7001	ABD-07PMFS-SC7001*	ABD-08PMMMS-SC7001	ABD-08PMFS-SC7001*	BDU-08PMFS-SC7001	BU-10PMMMS-SC7001	BU-12PMMMS-SC7001
BD-07PMMMP-SC7001	1BD-07PMFP-SC7001*	BD-08PMMMP-SC7001	1BD-08PMFP-SC7001*	BDU-08PMFP-SC7001	BU-10PMMMP-SC7001	BU-12PMMMP-SC7001
BD-07PMMR-SC7001	-	BD-08PMMR-SC7001	-	-	-	-
BD-07RMMMS-SC7001	ABD-07RMFS-SC7001*	BD-08RMMMS-SC7001	ABD-08RMFS-SC7001*	BDU-08RMFS-SC7001	BU-10RMMMS-SC7001	BU-12RMMMS-SC7001
BD-07PMMM-SL7A11	ABD-07PMFM-SL7A11*	BD-08PMMM-SL7A11	ABD-08PMFM-SL7A11*	BDU-08PMFM-SL7A11	BU-10PMMM-SL7A11	BU-12PMMM-SL7A11
ABD-07BMMM-SL7A11*	ABD-07BMFM-SL7A11*	ABD-08BMMM-SL7A11*	ABD-08BMFM-SL7A11*	ABDU-08BMFM-SL7A11*	ABU-10BMMM-SL7A11*	ABU-12BMMM-SL7A11*
ABD-07BMMMA-SL7001*	ABD-07BMFA-SL7001*	ABD-08BMMMA-SL7001*	ABD-08BMFA-SL7001*	ABDU-08BMFA-SL7001*	ABU-10BMMMA-SL7001*	ABU-12BMMMA-SL7001*
ABD-07BMMMC-SL711PO*	ABD-07BMFC-SL711PO*	ABD-08BMMMC-SL711PO*	ABD-08BMFC-SL711PO*	-	ABU-10BMMMC-SL711PO*	ABU-12BMMMC-SL711PO*
AA-ABD07ML-ABDML-SA11*	-	AA-ABD08ML-ABDML-SA11*	-	-	AA-ABU10ML-ABUML-SA11*	AA-ABU12ML-ABUML-SA11*
AA-ABD07ML-ABDFL-SA11*	-	AA-ABD08ML-ABDFL-SA11*	-	-	AA-ABU10ML-ABUFL-SA11*	AA-ABU12ML-ABUFL-SA11*
-	AA-ABD07HL-ABDHL-SA11*	-	AA-ABD08HL-ABDHL-SA11*	AA-ABDU08HL-ABDUHL-SA11*	-	-
-	AA-ABD07HL-ABDBL-SA11*	-	AA-ABD08HL-ABDBL-SA11*	AA-ABDU08HL-ABDUBL-SA11*	-	-
AA-ABD07ML-ABDFR-SA11*	-	AA-ABD08ML-ABDFR-SA11*	-	-	AA-ABU10ML-ABUFR-SA11*	AA-ABU12ML-ABUFR-SA11*
-	AA-ABD07HL-ABDBR-SA11*	-	AA-ABD08HL-ABDBR-SA11*	AA-ABDU08HL-ABDUBR-SA11*	-	-

Assemble Style



Solder







Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts		2			
Rated Voltage (AC/DC)		250 ~ 600V			
Nominal Current		5A		10A	
Plastic / Metal		Plastic			
Pin Assignment		FF	FM	FF	FM
FF: Female Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ABD-02BFFM-SL7A11	ABD-02BFMM-SL7A11	ABB-02BFFM-SL7A11	ABB-02BFMM-SL7A11
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ABD-02BFFM-SR7A11*	ABD-02BFMM-SR7A11*	ABB-02BFFM-SR7A11*	ABB-02BFMM-SR7A11*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD02FL-ABDFL-SA11*	-	AA-ABB02FL-ABBFL-SA11*	-
	End1: (B) FM End2: (B) FM	-	AA-ABD02BL-ABDBL-SA11*	-	AA-ABB02BL-ABBBL-SA11*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD02FR-ABDFR-SA11*	-	AA-ABB02FR-ABBFR-SA11*	-
	End1: (B) FM End2: (B) FM	-	AA-ABD02BR-ABDBR-SA11*	-	AA-ABB02BR-ABBBR-SA11*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ABD02FL-ABDFR-SA11*	-	AA-ABB02FL-ABBFR-SA11*	-
	End1: (B) FM End2: (B) FM	-	AA-ABD02BL-ABDBR-SA11*	-	AA-ABB02BL-ABBBR-SA11*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	BD-02BFFA-SL7001	BD-02BFMA-SL7001	BB-02BFFA-SL7001	BB-02BFMA-SL7001
	Crimp Type	NEW	ABD-02BFFC-SL711P0*	ABD-02BFMC-SL711P0*	ABB-02BFFC-SL711P0*
			ABD-02BFMC-SL711P0*	ABB-02BFFC-SL711P0*	ABB-02BFMC-SL711P0*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3				4			
250 ~ 600V				250 ~ 600V			
5A		10A		5A		10A	
Plastic				Plastic			
FF	FM	FF	FM	FF	FM	FF	FM
							
ABD-03BFFM-SL7A11	ABD-03BFMM-SL7A11	ABB-03BFFM-SL7A11	ABB-03BFMM-SL7A11	ABD-04BFFM-SL7A11	ABD-04BFMM-SL7A11	ABB-04BFFM-SL7A11	ABB-04BFMM-SL7A11*
ABD-03BFFM-SR7A11*	ABD-03BFMM-SR7A11*	ABB-03BFFM-SR7A11*	ABB-03BFMM-SR7A11*	ABD-04BFFM-SR7A11*	ABD-04BFMM-SR7A11*	ABB-04BFFM-SR7A11*	ABB-04BFMM-SR7A11*
AA-ABD03FL-ABDFL-SA11*	-	AA-ABB03FL-ABBFL-SA11*	-	AA-ABD04FL-ABDFL-SA11*	-	AA-ABB04FL-ABBFL-SA11*	-
-	AA-ABD03BL-ABDBL-SA11*	-	AA-ABB03BL-ABBBL-SA11*	-	AA-ABD04BL-ABDBL-SA11*	-	AA-ABB04BL-ABBBL-SA11*
AA-ABD03FR-ABDFR-SA11*	-	-	-	AA-ABD04FR-ABDFR-SA11*	-	-	-
-	AA-ABD03BR-ABDBR-SA11*	-	AA-ABB03BR-ABBBR-SA11*	-	AA-ABD04BR-ABDBR-SA11*	-	AA-ABB04BR-ABBBR-SA11*
AA-ABD03FL-ABDFR-SA11*	-	AA-ABB03FL-ABBFR-SA11*	-	AA-ABD04FL-ABDFR-SA11*	-	AA-ABB04FL-ABBFR-SA11*	-
-	AA-ABD03BL-ABDBR-SA11*	-	AA-ABB03BL-ABBBR-SA11*	-	AA-ABD04BL-ABDBR-SA11*	-	AA-ABB04BL-ABBBR-SA11*
BD-03BFFA-SL7001	BD-03BFMA-SL7001	BB-03BFFA-SL7001	BB-03BFMA-SL7001	BD-04BFFA-SL7001	BD-04BFMA-SL7001	BB-04BFFA-SL7001	ABB-04BFMA-SL7001*
ABD-03BFFC-SL711P0*	ABD-03BFMC-SL711P0*	ABB-03BFFC-SL711P0*	ABB-03BFMC-SL711P0	ABD-04BFFC-SL711P0*	ABD-04BFMC-SL711P0*	ABB-04BFFC-SL711P0	ABB-04BFMC-SL711P0*

Assemble Style




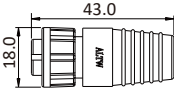
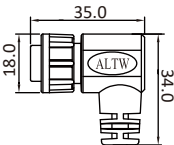
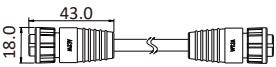
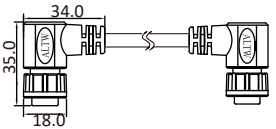
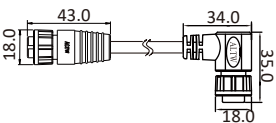
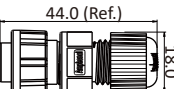
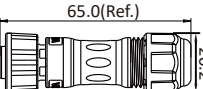


Solder








Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

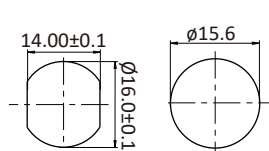
No of Contacts		5		6		
Rated Voltage (AC/DC)		250 ~ 600V		250 ~ 600V		
Nominal Current		5A		5A		10A+5A
Plastic / Metal		Plastic		Plastic		
Pin Assignment		FF	FM	FF	FM	FM
FF: Female Connector Female Contact FM: Female Connector Male Contact						
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)						
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾						
	UL2464, PVC Jacket	ABD-05BFFM-SL7A⑪	ABD-05BFMM-SL7A⑪	ABD-06BFFM-SL7A⑪	ABD-06BFMM-SL7A⑪	BBD-06BFMM-SL7A⑪
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)						
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾						
	UL2464, PVC Jacket	ABD-05BFFM-SR7A⑪*	ABD-05BFMM-SR7A⑪*	ABD-06BFFM-SR7A⑪*	ABD-06BFMM-SR7A⑪*	ABBD-06BFMM-SR7A⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM						
	End1: (F) FF End2: (F) FF	AA-ABD05FL-ABDFL-SA⑪*	-	AA-ABD06FL-ABDFL-SA⑪*	-	-
	End1: (B) FM End2: (B) FM	-	AA-ABD05BL-ABDBL-SA⑪*	-	AA-ABD06BL-ABDBL-SA⑪*	AA-ABBD06BL-ABDBL-SA⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM						
	End1: (F) FF End2: (F) FF	AA-ABD05FR-ABDFR-SA⑪*	-	AA-ABD06FR-ABDFR-SA⑪*	-	-
		-	AA-ABD05BR-ABDBR-SA⑪*	-	AA-ABD06BR-ABDBR-SA⑪*	AA-ABBD06BR-ABDBR-SA⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM						
	End1: (F) FF End2: (F) FF	AA-ABD05FL-ABDFR-SA⑪*	-	AA-ABD06FL-ABDFR-SA⑪*	-	-
	End1: (B) FM End2: (B) FM	-	AA-ABD05BL-ABDBR-SA⑪*	-	AA-ABD06BL-ABDBR-SA⑪*	AA-ABBD06BL-ABDBR-SA⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)						
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm						
	Solder Type	BD-05BFFA-SL7001	BD-05BFMA-SL7001	BD-06BFFA-SL7001	BD-06BFMA-SL7001	BBD-06BFMA-SL7001
	Crimp Type	ABD-05BFFC-SL7⑪P0*	ABD-05BFMC-SL7⑪P0*	ABD-06BFFC-SL7⑪P0*	ABD-06BFMC-SL7⑪P0*	-

* Upon Request

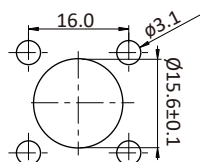
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

7		8			10	12
250 ~ 600V		250 ~ 600V			250 ~ 600V	250 ~ 600V
5A		5A		5A+2A	2A	2A
Plastic		Plastic			Plastic	Plastic
FF	FM	FF	FM	FM	FF	FF
						
ABD-07B FF M-SL7A 11	ABD-07B FMM -SL7A 11 *	ABD-08B FF M-SL7A 11	ABD-08B FMM -SL7A 11 *	BDU-08B FMM -SL7A 11	BU-10B FF M-SL7A 11	BU-12B FF M-SL7A 11
ABD-07B FF M-SR7A 11 *	ABD-07B FMM -SR7A 11 *	ABD-08B FF M-SR7A 11 *	ABD-08B FMM -SR7A 11 *	ABDU-08B FMM -SR7A 11 *	ABU-10B FF M-SR7A 11 *	ABU-12B FF M-SR7A 11 *
AA-ABD07FL-ABD F L-SA 11 *	-	AA-ABD08FL-ABD F L-SA 11 *	-	-	AA-ABU02FL-ABU F L-SA 11 *	AA-ABU12FL-ABU F L-SA 11 *
-	AA-ABD07 BL -ABD B L-SA 11 *	-	AA-ABD08 BL -ABD B L-SA 11 *	AA-ABDU08 BL -ABDUBL-SA 11 *	-	-
AA-ABD07FR-ABD F R-SA 11 *	-	AA-ABD08FR-ABD F R-SA 11 *	-	-	AA-ABU10FR-ABU F R-SA 11 *	AA-ABU12FR-ABU F R-SA 11 *
-	AA-ABD07 BR -ABD B R-SA 11 *	-	AA-ABD08 BR -ABD B R-SA 11 *	AA-ABDU08 BR -ABDUBR-SA 11 *	-	-
AA-ABD07FL-ABD F R-SA 11 *	-	AA-ABD08FL-ABD F R-SA 11 *	-	-	AA-ABU02FL-ABU F R-SA 11 *	AA-ABU12FL-ABU F R-SA 11 *
-	AA-ABD07 BL -ABD B R-SA 11 *	-	AA-ABD08 BL -ABD B R-SA 11 *	AA-ABDU08 BL -ABDUBR-SA 11 *	-	-
BD-07B FFA -SL7001	ABD-07B FMA -SL7001*	BD-08B FFA -SL7001	ABD-08B FMA -SL7001*	BDU-08B FMA -SL7001	BU-10B FFA -SL7001	BU-12B FFA -SL7001
ABD-07B FFC -SL7 11 P0*	ABD-07B FMC -SL7 11 P0*	ABD-08B FFC -SL7 11 P0*	ABD-08B FMC -SL7 11 P0*	-	ABU-10B FFC -SL7 11 P0*	ABU-12B FFC -SL7 11 P0*

Panel Cut Out



Circular Flange




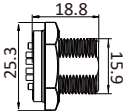
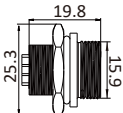
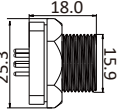
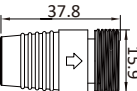


Square Flange

Assemble Style


PCB 180°
(P) Receptacle

Solder
(S) Receptacle

No of Contacts	4		5	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	5A	10A	5A	
Plastic / Metal	Metal		Metal	
Pin Assignment	MM	MM	MM	
MM : Male Connector Male Contact FF : Female Connector Female Contact				
Receptacle, Circular Flange, FRONT Fastened Nut, IP67 (Unmated)				
Nut Torque Value: 10 ~ 12 kgf.cm Recommended Panel Thickness: max. 5.0mm				
	Solder Type	BSD-04PMM S -SC7001	BSB-04RMM S -SC7001	BSD-05PMM S -SC7001
	180° PCB Type	BSD-04PMM P -SC7001	-	BSD-05PMM P -SC7001
Receptacle, Circular Flange, REAR Fastened Nut, IP67 (Unmated)				
Nut Torque Value: 10 ~ 12 kgf.cm Recommended Panel Thickness: max. 7.0mm				
	Solder Type	ABSD-04RMM S -SC7001*	-	ABSD-05RMM S -SC7001*
Receptacle, Square Flange, FRONT Fastened Nut, IP67 (Unmated)				
Nut Torque Value: 10 ~ 12 kgf.cm Recommended Panel Thickness: max. 4.4mm				
	Solder Type	BSD-04PMM S -SS7001	-	BSD-05PMM S -SS7001
	180° PCB Type	BSD-04PMM P -SS7001	-	BSD-05PMM P -SS7001
STRAIGHT , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)				
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾				
	UL2464, PVC Jacket	ABSD-04BMM M -SL7A11*	ABSB-04BMM M -SL7A11*	ABSD-05BMM M -SL7A11*

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	End1: (M) MM End2: (M) MM	AA-ABSD04ML-ABSDML-SA11*	AA-ABSB04ML-ABSBML-SA11*	AA-ABSD05ML-ABSDML-SA11*
	End1: (M) MM End2: (F) FF	AA-ABSD04ML-ABSDFL-SA11*	AA-ABSB04ML-ABSBFL-SA11*	AA-ABSD05ML-ABSDFL-SA11*





STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	End1: (M) MM End2: (F) FF	AA-ABSD04ML-ABSDFR-SA11*	AA-ABSB04ML-ABSBFR-SA11*	AA-ABSD05ML-ABSDFR-SA11*
--	-----------------------------	--------------------------	--------------------------	--------------------------

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6	7	8	10
250 ~ 600V	250 ~ 600V	250 ~ 600V	250 ~ 600V
5A	5A	5A	2A
Metal	Metal	Metal	Metal
MM	MM	MM	MM
			
BSD-06PMM S -SC7001	BSD-07PMM S -SC7001	BSD-08PMM S -SC7001	BSU-10PMM S -SC7001
BSD-06PMM P -SC7001	BSD-07PMM P -SC7001	BSD-08PMM P -SC7001	BSU-10PMM P -SC7001
BSD-06RMM S -SC7001	ABSD-07RMM S -SC7001*	BSD-08RMM S -SC7001	BSU-10RMM S -SC7001
BSD-06PMM S -SS7001	BSD-07PMM S -SS7001	BSD-08PMM S -SS7001	-
BSD-06PMM P -SS7001	BSD-07PMM P -SS7001	BSD-08PMM P -SS7001	-
ABSD-06BMM M -SL7A 11 *	ABSD-07BMM M -SL7A 11 *	ABSD-08BMM M -SL7A 11 *	ABSU-10BMM M -SL7A 11 *

AA-ABSD06 ML -ABSD ML -SA 11 *	AA-ABSD07 ML -ABSD ML -SA 11 *	AA-ABSD08 ML -ABSD ML -SA 11 *	AA-ABSU10 ML -ABSU ML -SA 11 *
AA-ABSD06 ML -ABSD FL -SA 11 *	AA-ABSD07 ML -ABSD FL -SA 11 *	AA-ABSD08 ML -ABSD FL -SA 11 *	AA-ABSU10 ML -ABSU FL -SA 11 *
AA-ABSD06 ML -ABSD FR -SA 11 *	AA-ABSD07 ML -ABSD FR -SA 11 *	AA-ABSD08 ML -ABSD FR -SA 11 *	AA-ABSU10 ML -ABSU FR -SA 11 *

Assemble Style



Solder



Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts	4		5	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	5A	10A	5A	
Plastic / Metal	Metal		Metal	
Pin Assignment	FF		FF	
FF : Female Connector Female Contact				

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

11 Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC, Jacket	ABSD-04BFFM-SL7A11*	BSB-04BFFM-SL7A11	ABSD-05BFFM-SL7A11*
--	---------------------	---------------------	-------------------	---------------------

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

11 Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ABSD-04BFFM-SR7A11*	ABSB-04BFFM-SR7A11*	ABSD-05BFFM-SR7A11*
--	--------------------	---------------------	---------------------	---------------------

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (F) FF

	End1: (F) FF End2: (F) FF	AA-ABSD04FL-ABSDFL-SA11*	AA-ABSB04FL-BSBFL-SA11*	AA-ABSD05FL-ABSDFL-SA11*
--	-----------------------------	--------------------------	-------------------------	--------------------------

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (F) FF

	End1: (F) FF End2: (F) FF	AA-ABSD04FR-ABSDFR-SA11*	AA-ABSB04FR-ABSBFR-SA11*	AA-ABSD05FR-ABSDFR-SA11*
--	-----------------------------	--------------------------	--------------------------	--------------------------

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (F) FF

	End1: (F) FF End2: (F) FF	AA-ABSD04FL-ABSDFR-SA11*	AA-ABSB04FL-ABSBFR-SA11*	AA-ABSD05FL-ABSDFR-SA11*
--	-----------------------------	--------------------------	--------------------------	--------------------------





Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | Recommended Cable O.D.: 4.5 ~ 6.5mm


	Solder Type	ABSD-04BFFA-SL7001*	ABSB-04BFFA-SL7001*	ABSD-05BFFA-SL7001*
	Crimp Type	ABSD-04BFFC-SL7001*	ABSB-04BFFC-SL7001*	ABSD-05BFFC-SL7001*

* Upon Request



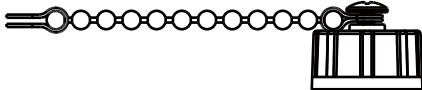

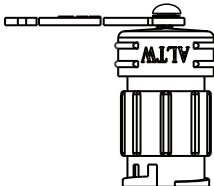
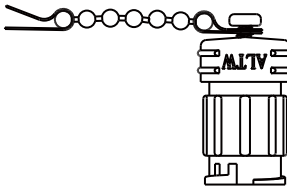
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6	7	8	10
250 ~ 600V	250 ~ 600V	250 ~ 600V	250 ~ 600V
5A	5A	5A	2A
Metal	Metal	Metal	Metal
FF	FF	FF	FF
			
ABSD-06BFFM-SL7A ¹¹ *	ABSD-07BFFM-SL7A ¹¹ *	ABSD-08BFFM-SL7A ¹¹ *	BSU-10BFFM-SL7A ¹¹
ABSD-06BFFM-SR7A ¹¹ *	ABSD-07BFFM-SR7A ¹¹ *	ABSD-08BFFM-SR7A ¹¹ *	ABSU-10BFFM-SR7A ¹¹ *
AA-ABSD06FL-ABSDFL-SA ¹¹ *	AA-ABSD04FL-ABSDFL-SA ¹¹ *	AA-ABSD04FL-ABSDFL-SA ¹¹ *	AA-ABSU10FL-ABSUFL-SA ¹¹ *
AA-ABSD06FR-ABSDFR-SA ¹¹ *	AA-ABSD07FR-ABSDFR-SA ¹¹ *	AA-ABSD08FR-ABSDFR-SA ¹¹ *	AA-ABSU10FR-ABSUFR-SA ¹¹ *
AA-ABSD06FL-ABSDFR-SA ¹¹ *	AA-ABSD07FL-ABSDFR-SA ¹¹ *	AA-ABSD08FL-ABSDFR-SA ¹¹ *	AA-ABSU10FL-ABSUFR-SA ¹¹ *
ABSD-06BFFA-SL7001*	ABSD-07BFFA-SL7001*	ABSD-08BFFA-SL7001*	ABSU-10BFFA-SL7001*
ABSD-06BFFC-SL7001*	ABSD-07BFFC-SL7001*	ABSD-08BFFC-SL7001*	-

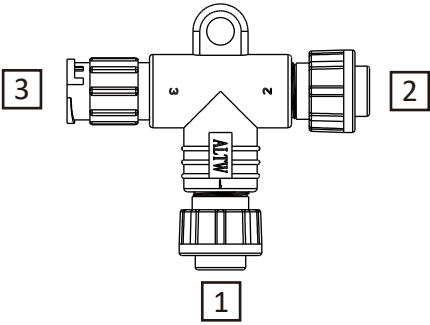
Dust Cap

 With Rubber Lead					
Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
Standard Size	Receptacle	Cover	Male	With Rubber Lead	CAP-DABMDCC1
			Male	With Rubber Lead (Longer)	CAP-DABMDCC2
			Male	With Rubber Lead	CAP-DABMDPC2 / CAP-DABMDPC3
			Female	With Rubber Lead	CAP-DABFDCC1

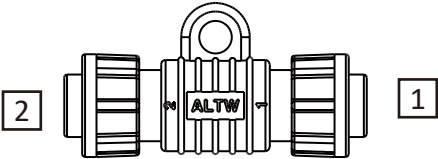
Waterproof Cap

For Mating with Male Connector		None		With Rubber Lead		With Chain
		None		With Rubber Lead		With Chain
For Mating with Female Connector						
Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number	
Standard Size	Receptacle	Screw Thread	Male	With Chain	CAP-WABMSPB1	
		Screw Thread	Male	With Rubber Lead	CAP-WABMSPC1	
		Screw Thread	Female	With Rubber Lead	CAP-WABFSPC1	
		2 Points Lock	Male	None	CAP-WABMLPA1	
		2 Points Lock	Male	With Chain	CAP-WABMLPB1	
		2 Points Lock	Female	With Chain	CAP-WABFLPB1	
		2 Points Lock	Male	With Rubber Lead	CAP-WABMLPC1	
		2 Points Lock	Female	With Rubber Lead	CAP-WABFLPC1	
	Overmolded With Cable Field Serviceable/Installable	Screw Thread	Male	None	CAP-WABMSMA1	
		2 Points Lock	Male	None	CAP-WABMLMA1	
		2 Points Lock	Female	None	CAP-WABFLMA1	

T Adaptor

					
<div>5 For Connector 1</div> <div>6 For Connector 2</div> <div>7 For Connector 3</div> <div>Connector Gender / Contact Gender</div> <div>Male / Male (M)</div> <div>Female / Female (F)</div> <div>Male / Female (H)</div> <div>Female / Male (B)</div>					
Size	Nominal Current	No. of Contacts 2	Mating Style		
Standard Size	2A	10, 12	Screw Thread (5/8"-27 UNS)		2 Points Lock
	5A	02, 03, 04, 05, 06, 07, 08	BA-222-567-TS001*		BA-222-567-TL001
	10A	02, 03, 04	AA-BB-333-567-TS001*		AA-BB-333-567-TL001*

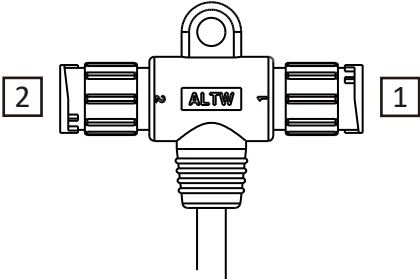
I Adaptor



5 For Connector 1
6 For Connector 2
Connector Gender / Contact Gender
Male / Male (M)
Female / Female (F)
Male / Female (H)
Female / Male (B)

Size	Nominal Current	No. of Contacts 3	Mating Style	
			Screw Thread (5/8"-27 UNS)	2 Points Lock
Standard Size	2A	10, 12	BA-00 3 3-0 5 6-IS001*	BA-00 3 3-0 5 6-IL001
	5A	02, 03, 04, 05, 06, 07, 08		
	10A	02, 03, 04	AA-BB-00 3 3-0 5 6-IS001*	AA-BB-00 3 3-0 5 6-IL001*

T Cable

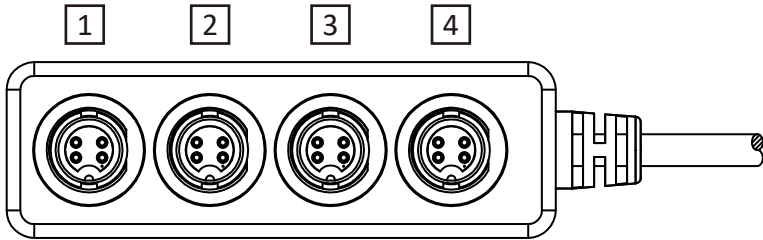


5 For Connector 1
6 For Connector 2
Connector Gender / Contact Gender
Male / Male (M)
Female / Female (F)
Male / Female (H)
Female / Male (B)

Size	Nominal Current	No. of Contacts 2	Mating Style	
			Screw Thread (5/8"-27 UNS)	2 Points Lock
Standard Size	2A	10, 12	BA-2 2 00-5 6 0-TSAXX*	BA-2 2 00-5 6 0-TLAXX*
	5A	02, 03, 04, 05, 06, 07, 08		
	10A	02, 03, 04	AA-BB-3 3 00-5 6 0-TSAXX*	AA-BB-3 3 00-5 6 0-TLAXX*

* XX: Choose the cable length: (01) 1M ~ (99) 99M / PVC UL2464 Cable

Distribution Box

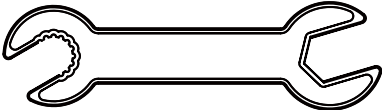


6 For Connector 1
7 For Connector 2
8 For Connector 3
9 For Connector 4
Connector Gender / Contact Gender
Male / Male (M)
Female / Female (F)
Male / Female (H)
Female / Male (B)

Size	Nominal Current	No. of Contacts 2	Mating Style	
			Screw Thread (5/8"-27 UNS)	2 Points Lock
Standard Size	2A	04, 05, 06	B-2 2 2 2 2-6 7 8 9-SAXX	B-2 2 2 2 2-6 7 8 9-LAXX*
	5A	02, 03		
	10A	02, 03, 04	AA-BB-2 2 2 2 2-6 7 8 9-SAXX*	AA-BB-2 2 2 2 2-6 7 8 9-LAXX*

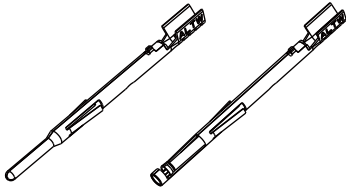
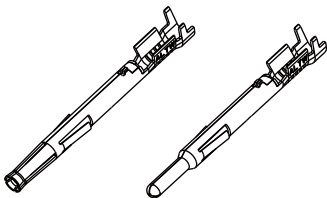
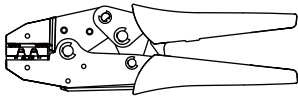

* XX: Choose the cable length: (01) 1M ~ (99) 99M / PVC UL2464 Cable

Wrench



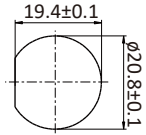
Part Number: TOL-171801

Contacts & Crimp Tool

				 
5A		10A/20A		Crimp Tool
Nominal Current	Contact Gender	Part Number	Packing ⑥	Crimp Tool
5A	Male	ASSP-05-M-A-C-⑥*	(SA) 50pcs / Box (SB) 100pcs / Box (RE) 5A 3,000pcs / Reel 10A 3,000pcs / Reel 20A 2,000pcs / Reel	ASST-C-05-W-A (22 ~ 20AWG 0.34 ~ 0.50mm ²)
	Female	ASSP-05-F-A-C-⑥*		
10A	Male	ASSP-10-M-A-C-⑥*		ASST-C-10-W-B (18 ~ 16AWG 1.50 ~ 0.75mm ²)
	Female	ASSP-10-F-A-C-⑥*		

Panel Cut Out

Assemble Style



Circular Flange (D Cut)


PCB 180°
(P) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

No of Contacts	2		3	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	20A		20A	
Plastic / Metal	Plastic		Plastic	
Pin Assignment	MM	MF	MM	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	ACC-02PMM5-LC7001*	ACC-02PMFS-LC7001*	ACC-03PMM5-LC7001	ACC-03PMFS-LC7001*
	180° PCB Type	1CC-02PMM-P-LC7001*	-	CC-03PMM-P-LC7001	-

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	ACC-02RMM5-LC7001*	-	ACC-03RMM5-LC7001	-
--	-------------	--------------------	---	-------------------	---

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ACC-02BMMM-LL7A⑪*	-	ACC-03BMMM-LL7A⑪*	-
--	--------------------	-------------------	---	-------------------	---

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	ACC-02BMMMA-LL7001*	ACC-02BMFA-LL7001*	ACC-03BMMMA-LL7001*	ACC-03BMFA-LL7001*
	Crimp Type	ACC-02BMMC-LL7⑪P0*	ACC-02BMFC-LL7⑪P0*	ACC-03BMMC-LL7⑪P0*	ACC-03BMFC-LL7⑪P0*
	Screw-In Type	ACC-02BMMB-LL7⑪P0*	ACC-02BMFB-LL7⑪P0*	ACC-03BMMB-LL7⑪P0*	ACC-03BMFB-LL7⑪P0*

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ACC02ML-ACCML-LA⑪*	-	AA-ACC03ML-ACCML-LA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ACC02ML-ACCFL-LA⑪*	-	AA-ACC03ML-ACCFL-LA⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ACC02HL-ACCFL-LA⑪*	-	AA-ACC03HL-ACCFL-LA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ACC02HL-ACCB-LA⑪*	-	AA-ACC03HL-ACCB-LA⑪*

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

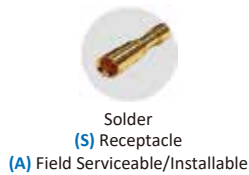
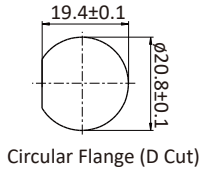
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (F) FF	AA-ACC02ML-ACCFR-LA⑪*	-	AA-ACC03ML-ACCFR-LA⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ACC02HL-ACCB-LA⑪*	-	AA-ACC03HL-ACCB-LA⑪*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Panel Cut Out Assemble Style



No of Contacts	4		5	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	10A		10A	
Plastic / Metal	Plastic		Plastic	
Pin Assignment	MM	MF	MM	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	ACB-04PMM5-LC7001	ACB-04PMF5-LC7001	ACB-05PMM5-LC7001	ACB-05PMF5-LC7001
	180° PCB Type	CB-04PMP-P-LC7001	CB-04PMF-P-LC7001	CB-05PMP-P-LC7001	CB-05PMF-P-LC7001

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	ACB-04RMM5-LC7001	ACB-04RMF5-LC7001	ACB-05RMM5-LC7001	ACB-05RMF5-LC7001

Receptacle With Cable, **STRAIGHT**, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾ | Recommended Panel Thickness: (with cap) max. 2.0mm, (without cap) max. 3.0mm

	UL2464, PVC Jacket	CB-04PMMM-LL7A⑪	CB-04PMFM-LL7A⑪	CB-05PMMM-LL7A⑪	CB-05PMFM-LL7A⑪

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ACB-04BMMM-LL7A⑪*	ACB-04BMFM-LL7A⑪*	ACB-05BMMM-LL7A⑪*	ACB-05BMFM-LL7A⑪*

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	ACB-04BMM-A-LL7001*	ACB-04BMF-A-LL7001*	ACB-05BMM-A-LL7001*	ACB-05BMF-A-LL7001*
	Crimp Type	ACB-04BMM-C-LL7⑪PO*	ACB-04BMF-C-LL7⑪PO*	ACB-05BMM-C-LL7⑪PO*	ACB-05BMF-C-LL7⑪PO*

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ACB04ML-ACBML-LA⑪*	-	AA-ACB05ML-ACBML-LA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ACB04ML-ACBFL-LA⑪*	-	AA-ACB05ML-ACBFL-LA⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ACB04HL-ACBHL-LA⑪*	-	AA-ACB05HL-ACBHL-LA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ACB04HL-ACBBL-LA⑪*	-	AA-ACB05HL-ACBBL-LA⑪*





STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (F) FF	AA-ACB04ML-ACBFR-LA⑪*	-	AA-ACB05ML-ACBFR-LA⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ACB04HL-ACBBR-LA⑪*	-	AA-ACB05HL-ACBBR-LA⑪*

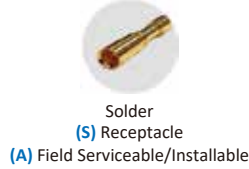
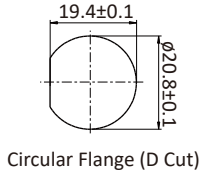
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6		7		8			
250 ~ 600V		250 ~ 600V		250 ~ 600V			
10A		5A		5A		10A+2A	
Plastic		Plastic		Plastic			
MM	MF	MM	MF	MM	MF	MM	MF
							
ACB-06PMMS-LC7001	ACB-06PMFS-LC7001*	ACD-07PMMS-LC7001	ACD-07PMFS-LC7001	ACD-08PMMS-LC7001	ACD-08PMFS-LC7001	ACBU-08PMMS-LC7001*	ACBU-08PMFS-LC7001*
CB-06PMMP-LC7001	1CB-06PMFP-LC7001*	CD-07PMMP-LC7001	CD-07PMFP-LC7001	CD-08PMMP-LC7001	CD-08PMFP-LC7001	1CBU-08PMMP-LC7001*	1CBU-08PMFP-LC7001*
ACB-06RMMS-LC7001	ACB-06RMFS-LC7001*	ACD-07RMMS-LC7001	ACD-07RMFS-LC7001	ACD-08RMMS-LC7001	ACD-08RMFS-LC7001	-	-
CB-06PMMM-LL7A11	ACB-06PMFM-LL7A11*	CD-07PMMM-LL7A11	CD-07PMFM-LL7A11	CD-08PMMM-LL7A11	CD-08PMFM-LL7A11	-	-
ACB-06BMMM-LL7A11*	ACB-06BMFM-LL7A11*	ACD-07BMMM-LL7A11*	ACD-07BMFM-LL7A11*	ACD-08BMMM-LL7A11*	ACD-08BMFM-LL7A11*	ACBU-08BMMM-LL7A11*	ACBU-08BMFM-LL7A11*
ACB-06BMAA-LL7001*	ACB-06BMFA-LL7001*	CD-07BMAA-LL7001	CD-07BMFA-LL7001	CD-08BMAA-LL7001	CD-08BMFA-LL7001	ACBU-08BMAA-LL7001*	ACBU-08BMFA-LL7001*
ACB-06BMMC-LL711P0*	ACB-06BMFC-LL711P0*	ACD-07BMMC-LL711P0*	ACD-07BMFC-LL711P0*	ACD-08BMMC-LL711P0*	ACD-08BMFC-LL711P0*	ACBU-08BMMC-LL711P0*	ACBU-08BMFC-LL711P0*

AA-ACB06ML-ACBML-LA11*	-	AA-ACD07ML-ACDML-LA11*	-	AA-ACD08ML-ACDML-LA11*	-	AA-ACBU08ML-ACBUML-LA11*	-
AA-ACB06ML-ACBFL-LA11*	-	AA-ACD07ML-ACDFL-LA11*	-	AA-ACD08ML-ACDFL-LA11*	-	AA-ACBU08ML-ACBUFL-LA11*	-
-	AA-ACB06HL-ACBHL-LA11*	-	AA-ACD07HL-ACDHL-LA11*	-	AA-ACD08HL-ACDHL-LA11*	-	AA-ACBU08HL-ACBUHL-LA11*
-	AA-ACB06HL-ACBBL-LA11*	-	AA-ACD07HL-ACDBL-LA11*	-	AA-ACD08HL-ACDBL-LA11*	-	AA-ACBU08HL-ACBUBL-LA11*
AA-ACB06ML-ACBFR-LA11*	-	AA-ACD07ML-ACDFR-LA11*	-	AA-ACD08ML-ACDFR-LA11*	-	AA-ACBU08ML-ACBFR-LA11*	-
-	AA-ACB06HL-ACBBL-LA11*	-	AA-ACD07HL-ACDBR-LA11*	-	AA-ACD08HL-ACDBR-LA11*	-	AA-ACBU08HL-ACBUBR-LA11*

Panel Cut Out Assemble Style



No of Contacts	8		9		10	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V		250 ~ 600V	
Nominal Current	10A+5A		5A		5A	
Plastic / Metal	Plastic		Plastic		Plastic	
Pin Assignment	MM	MF	MM	MF	MM	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact						

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	CBD-08PMMMS-LC7001	CBD-08PMFSLC7001	ACD-09PMMMS-LC7001	ACD-09PMFSLC7001	ACD-10PMMMS-LC7001	ACD-10PMFSLC7001*
	180° PCB Type	CBD-08PMPPLC7001	CBD-08PMFP-LC7001	CD-09PMPPLC7001	CD-09PMFP-LC7001	CD-10PMPPLC7001	1CD-10PMFP-LC7001*

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	-	-	ACD-09RMMMS-LC7001	ACD-09RMFSLC7001	ACD-10RMMMS-LC7001	ACD-10RMFSLC7001*
--	-------------	---	---	--------------------	------------------	--------------------	-------------------

Receptacle With Cable, **STRAIGHT**, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾ | Recommended Panel Thickness: (with cap) max. 2.0mm, (without cap) max. 3.0mm

	UL2464, PVC Jacket	-	-	CD-09PMMM-LL7A⑪	CD-09PMFM-LL7A⑪	CD-10PMMM-LL7A⑪	ACD-10PMFM-LL7A⑪*
--	--------------------	---	---	-----------------	-----------------	-----------------	-------------------

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ACBD-08BMMM-LL7A⑪*	ACBD-08BMFM-LL7A⑪*	ACD-09BMMM-LL7A⑪*	ACD-09BMFM-LL7A⑪*	ACD-10BMMM-LL7A⑪*	ACD-10BMFM-LL7A⑪*
--	--------------------	--------------------	--------------------	-------------------	-------------------	-------------------	-------------------

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	ACBD-08BMMMA-LL7001*	ACBD-08BMFA-LL7001*	CD-09BMMMA-LL7001	CD-09BMFA-LL7001	CD-10BMMMA-LL7001	ACD-10BMFA-LL7001*
	Crimp Type	ACBD-08BMMC-LL7⑪P0*	ACBD-08BMFC-LL7⑪P0*	ACD-09BMMC-LL7⑪P0*	ACD-09BMFC-LL7⑪P0	ACD-10BMMC-LL7⑪P0*	ACD-10BMFC-LL7⑪P0*

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ACBD08ML-ACBDM-LA⑪*	-	AA-ACD09ML-ACDML-LA⑪*	-	AA-ACD10ML-ACDML-LA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ACBD08ML-ACBDF-LA⑪*	-	AA-ACD09ML-ACDF-LA⑪*	-	AA-ACD10ML-ACDF-LA⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ACBD08HL-ACBDHL-LA⑪*	-	AA-ACD09HL-ACDHL-LA⑪*	-	AA-ACD10HL-ACDHL-LA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ACBD08HL-ACBDB-LA⑪*	-	AA-ACD09HL-ACDB-LA⑪*	-	AA-ACD10HL-ACDB-LA⑪*






STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (F) FF	AA-ACBD08ML-ACBDFR-LA⑪*	-	AA-ACD09ML-ACDFR-LA⑪*	-	AA-ACD10ML-ACDFR-LA⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ACBD08HL-ACBDBR-LA⑪*	-	AA-ACD09HL-ACDBR-LA⑪*	-	AA-ACD10HL-ACDBR-LA⑪*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

12				14				18
250 ~ 600V				250 ~ 600V				250 ~ 600V
5A		5A+2A		5A		5A+2A		2A
Plastic				Plastic				Plastic
MM	MF	MM	MF	MM	MF	MM	MF	MM
								
ACD-12PMM S -LC7001	ACD-12PMF S -LC7001*	ACDU-12PMM S -LC7001*	CDU-12PMF S -LC7001	ACD-14PMM S -LC7001	ACD-14PMF S -LC7001*	ACDU-14PMM S -LC7001*	CDU-14PMF S -LC7001	-
CD-12PMM P -LC7001	1CD-12PMF P -LC7001*	1CDU-12PMM P -LC7001*	CDU-12PMF P -LC7001	CD-14PMM P -LC7001	1CD-14PMF P -LC7001*	1CDU-14PMM P -LC7001*	CDU-14PMF P -LC7001	CU-18PMM P -LC7001
ACD-12RMM S -LC7001	ACD-12RMF S -LC7001*	-	-	ACD-14RMM S -LC7001	ACD-14RMF S -LC7001*	-	-	-
CD-12PMM M -LL7A 11	ACD-12PMF M -LL7A 11 *	-	-	CD-14PMM M -LL7A 11	ACD-14PMF M -LL7A 11 *	-	-	-
ACD-12BMM M -LL7A 11 *	ACD-12BMF M -LL7A 11 *	ACDU-12BMM M -LL7A 11 *	ACDU-12BMF M -LL7A 11 *	ACD-14BMM M -LL7A 11 *	ACD-14BMF M -LL7A 11 *	ACDU-14BMM M -LL7A 11 *	ACDU-14BMF M -LL7A 11 *	CU-18BMM M -LL7A 11 *
CD-12BMM A -LL7001	ACD-12BMF A -LL7001 *	ACDU-12BMM A -LL7001 *	ACDU-12BMF A -LL7001 *	CD-14BMM A -LL7001	ACD-14BMF A -LL7001 *	ACDU-14BMM A -LL7001 *	ACDU-14BMF A -LL7001 *	CU-18BMM A -LL7001 *
ACD-12BMM C -LL7 11 P0 *	ACD-12BMF C -LL7 11 P0 *	ACDU-12BMM C -LL7 11 P0 *	ACDU-12BMF C -LL7 11 P0 *	ACD-14BMM C -LL7 11 P0	ACD-14BMF C -LL7 11 P0 *	ACDU-14BMM C -LL7 11 P0 *	ACDU-14BMF C -LL7 11 P0 *	CU-18BMM C -LL7 11 P0 *

AA-ACD12ML-ACDML-LA11*	-	AA-ACDU12ML-ACDUML-LA11*	-	AA-ACD14ML-ACDML-LA11*	-	AA-ACDU14ML-ACDUML-LA11*	-	AA-ACU18ML-ACUML-LA11*
AA-ACD12ML-ACDFL-LA11*	-	AA-ACDU12ML-ACDUFL-LA11*	-	AA-ACD14ML-ACDFL-LA11*	-	AA-ACDU14ML-ACDUFL-LA11*	-	AA-ACU18ML-ACUFL-LA11*
-	AA-ACD12HL-ACDHL-LA11*	-	AA-ACDU12HL-ACDUHL-LA11*	-	AA-ACD14HL-ACDHL-LA11*	-	AA-ACDU14HL-ACDUHL-LA11*	-
-	AA-ACD12HL-ACDBL-LA11*	-	AA-ACDU12HL-ACDUBL-LA11*	-	AA-ACD14HL-ACDBL-LA11*	-	AA-ACDU14HL-ACDUBL-LA11*	-
AA-ACD12ML-ACDFR-LA11*	-	AA-ACDU12ML-ACDUFR-LA11*	-	AA-ACD14ML-ACDFR-LA11*	-	AA-ACDU14ML-ACDUFR-LA11*	-	AA-ACU18ML-ACUFR-LA11*
-	AA-ACD12HL-ACDBR-LA11*	-	AA-ACDU12HL-ACDUBR-LA11*	-	AA-ACD14HL-ACDBR-LA11*	-	AA-ACDU14HL-ACDUBR-LA11*	-

Assemble Style



Solder







Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts		2		3	
Rated Voltage (AC/DC)		250 ~ 600V		250 ~ 600V	
Nominal Current		20A		20A	
Plastic / Metal		Plastic		Plastic	
Pin Assignment		FF	FM	FF	FM
FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ACC-02BFFM-LL7A 11 *	CC-02AFMM-LL7A 11	ACC-03AFFM-LL7A 11	ACC-03BFMM-LL7A 11 *
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ACC-02BFFM-LR7A 11 *	ACC-02BFMM-LR7A 11 *	ACC-03BFFM-LR7A 11 *	ACC-03BFMM-LR7A 11 *
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACC02FL-ACCFL-LA 11 *	-	AA-ACC03FL-ACCFL-LA 11 *	-
	End1: (B) FM End2: (B) FM	-	AA-ACC02BL-ACCBL-LA 11 *	-	AA-ACC03BL-ACCBL-LA 11 *
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACC02FR-ACCFR-LA 11 *	-	AA-ACC03FR-ACCFR-LA 11 *	-
	End1: (B) FM End2: (B) FM	-	AA-ACC02BR-ACCBR-LA 11 *	-	AA-ACC03BR-ACCBR-LA 11 *
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACC02FL-ACCFR-LA 11 *	-	AA-ACC03FL-ACCFR-LA 11 *	-
	End1: (B) FM End2: (B) FM	-	AA-ACC02BL-ACCBR-LA 11 *	-	AA-ACC03BL-ACCBR-LA 11 *
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	ACC-02BFFA-LL7001 *	ACC-02BFMA-LL7001 *	CC-03BFFA-LL7001	ACC-03BFMA-LL7001 *
	NEW Crimp Type	ACC-02BFFC-LL7 11 P0 *	ACC-02BMFC-LL7 11 P0 *	ACC-03BFFC-LL7 11 P0	ACC-03BMFC-LL7 11 P0 *
	Screw-In Type	ACC-02BFFB-LL7 11 P0 *	ACC-02BMFB-LL7 11 P0 *	ACC-03BFFB-LL7 11 P0 *	ACC-03BMFB-LL7 11 P0 *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4		5		6		7	
250 ~ 600V		250 ~ 600V		250 ~ 600V		250 ~ 600V	
10A		10A		10A		5A	
Plastic		Plastic		Plastic		Plastic	
FF	FM	FF	FM	FF	FM	FF	FM
							
ACB-04AFFM-LL7A⑪	ACB-04AFMM-LL7A⑪	ACB-05AFFM-LL7A⑪	ACB-05AFMM-LL7A⑪	ACB-06AFFM-LL7A⑪	ACB-06BFMM-LL7A⑪	ACD-07AFFM-LL7A⑪	ACD-07AFMM-LL7A⑪
ACB-04BFFM-LR7A⑪*	ACB-04BFMM-LR7A⑪*	ACB-05BFFM-LR7A⑪*	ACB-05BFMM-LR7A⑪*	ACB-06BFFM-LR7A⑪*	ACB-06BFMM-LR7A⑪*	CD-07AFFM-LR7A⑪	ACD-07BFMM-LR7A⑪*
AA-ACB04FL-ACBFL-LA⑪*	-	AA-ACB05FL-ACBFL-LA⑪*	-	AA-ACB06FL-ACBFL-LA⑪*	-	AA-ACD07FL-ACDFL-LA⑪*	-
-	AA-ACB04BL-ACBBL-LA⑪*	-	AA-ACB05BL-ACBBL-LA⑪*	-	AA-ACB06BL-ACBBL-LA⑪*	-	AA-ACD07BL-ACDBL-LA⑪*
AA-ACB04FR-ACBFR-LA⑪*	-	AA-ACB05FR-ACBFR-LA⑪*	-	AA-ACB06FR-ACBFR-LA⑪*	-	AA-ACD07FR-ACDFR-LA⑪*	-
-	AA-ACB04BR-ACBBR-LA⑪*	-	AA-ACB05BR-ACBBR-LA⑪*	-	AA-ACB06BR-ACBBR-LA⑪*	-	AA-ACD07BL-ACDBL-LA⑪*
AA-ACB04FL-ACBFR-LA⑪*	-	AA-ACB05FL-ACBFR-LA⑪*	-	AA-ACB06FL-ACBFR-LA⑪*	-	AA-ACD07FL-ACDFR-LA⑪*	-
-	AA-ACB04BL-ACBBR-LA⑪*	-	AA-ACB05BL-ACBBR-LA⑪*	-	AA-ACB06BL-ACBBR-LA⑪*	-	AA-ACD07BL-ACDBR-LA⑪*
CB-04BFFA-LL7001	CB-04BFMA-LL7001	CB-05BFFA-LL7001	CB-05BFMA-LL7001	CB-06BFFA-LL7001	ACB-06BFMA-LL7001*	CD-07BFFA-LL7001	CD-07BFMA-LL7001
ACB-04BFFC-LL7⑪PO*	ACB-04BFMC-LL7⑪PO*	ACB-05BFFC-LL7⑪PO*	ACB-05BFMC-LL7⑪PO	ACB-06BFFC-LL7⑪PO	ACB-06BFMC-LL7⑪PO	ACD-07BFFC-LL7⑪PO*	ACD-07BFMC-LL7⑪PO*
-	-	-	-	-	-	-	-

Assemble Style





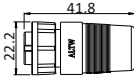
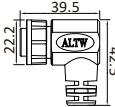
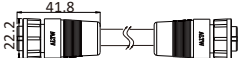
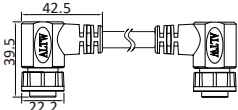
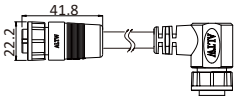
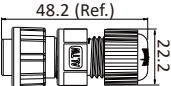
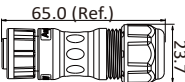
Solder



Crimp





(A) Field Serviceable/Installable

(C) Field Serviceable/Installable

No of Contacts		8			
Rated Voltage (AC/DC)		250 ~ 600V			
Nominal Current		5A		10A+2A	
Plastic / Metal		Plastic			
Pin Assignment		FF	FM	FF	FM
FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ACD-08AFFM-LL7A ⑪	ACD-08AFMM-LL7A ⑪	ACBU-08BFFM-LL7A ⑪*	ACBU-08BFMM-LL7A ⑪*
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	CD-08AFFM-LR7A ⑪	ACD-08BFMM-LR7A ⑪*	ACBU-08BFFM-LR7A ⑪*	ACBU-08BFMM-LR7A ⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACD08FL-ACDFL-LA ⑪*	-	AA-ACBU08FL-ACBUFL-LA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ACD08BL-ACDBL-LA ⑪*	-	AA-ACBU08BL-ACBUBL-LA ⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACD08FR-ACD FR-LA ⑪*	-	AA-ACBU08FR-ACBDFR-LA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ACD08BL-ACDBL-LA ⑪*	-	AA-ACBU08BR-ACBUBR-LA ⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACD08FL-ACDFR-LA ⑪*	-	AA-ACBU08FL-ACBUFR-LA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ACD08BL-ACDBR-LA ⑪*	-	AA-ACBU08BL-ACBUBR-LA ⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	CD-08BFFA-LL7001	CD-08BFMA-LL7001	ACBU-08BFFA-LL7001*	ACBU-08BFMA-LL7001*
	Crimp Type	ACD-08BFFC-LL7 ⑪ P0*	ACD-08BFMC-LL7 ⑪ P0	ACBU-08BFFC-LL7 ⑪ P0*	ACBU-08BFMC-LL7 ⑪ P0*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

8		9		10		12	
250 ~ 600V		250 ~ 600V		250 ~ 600V		250 ~ 600V	
10A+5A		5A		5A		5A	
Plastic		Plastic		Plastic		Plastic	
FF	FM	FF	FM	FF	FM	FF	FM
							
CBD-08A FFM -LL7A 11	CBD-08A FMM -LL7A 11	ACD-09A FFM -LL7A 11	ACD-09A FMM -LL7A 11	ACD-10A FFM -LL7A 11	ACD-10B FMM -LL7A 11 *	ACD-12A FFM -LL7A 11	ACD-12B FMM -LL7A 11 *
ACBD-08B FFM -LR7A 11 *	ACBD-08B FMM -LR7A 11 *	CD-09A FFM -LR7A 11	ACD-09B FMM -LR7A 11 *	CD-10A FFM -LR7A 11	ACD-10B FMM -LR7A 11 *	CD-12A FFM -LR7A 11	ACD-12B FMM -LR7A 11 *
AA-ACBD08 FL -ACBD FL -LA 11 *	-	AA-ACD09 FL -ACD FL -LA 11 *	-	AA-ACD10 FL -ACD FL -LA 11 *	-	AA-ACD12 FL -ACD FL -LA 11 *	-
-	AA-ACBD08 BL -ACBD BL -LA 11 *	-	AA-ACD09 BL -ACD BL -LA 11 *	-	AA-ACD10 BL -ACD BL -LA 11 *	-	AA-ACD12 BL -ACD BL -LA 11 *
AA-ACBD08 FR -ACBD FR -LA 11 *	-	AA-ACD09 FR -ACD FR -LA 11 *	-	AA-ACD10 FR -ACD FR -LA 11 *	-	AA-ACD12 FR -ACD FR -LA 11 *	-
-	AA-ACBD08 BR -ACBD BR -LA 11 *	-	AA-ACD09 BL -ACD BL -LA 11 *	-	AA-ACD10 BL -ACD BL -LA 11 *	-	AA-ACD12 BL -ACD BL -LA 11 *
AA-ACBD08 FL -ACBD FR -LA 11 *	-	AA-ACD09 FL -ACD FR -LA 11 *	-	AA-ACD10 FL -ACD FR -LA 11 *	-	AA-ACD12 FL -ACD FR -LA 11 *	-
-	AA-ACBD08 BL -ACBD BR -LA 11 *	-	AA-ACD09 BL -ACD BR -LA 11 *	-	AA-ACD10 BL -ACD BR -LA 11 *	-	AA-ACD12 BL -ACD BR -LA 11 *
CBD-08B FFA -LL7001	CBD-08B FMA -LL7001	CD-09B FFA -LL7001	CD-09B FMA -LL7001	CD-10B FFA -LL7001	ACD-10B FMA -LL7001*	CD-12B FFA -LL7001	ACD-12B FMA -LL7001*
ACBD-08B FFC -LL7 11 P0	ACBD-08B MFC -LL7 11 P0*	ACD-09B FFC -LL7 11 P0*	ACD-09B MFC -LL7 11 P0*	ACD-10B FFC -LL7 11 P0*	ACD-10B MFC -LL7 11 P0*	ACD-12B FFC -LL7 11 P0*	ACD-12B MFC -LL7 11 P0*

Assemble Style







Solder




Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts		12		14				18	
Rated Voltage (AC/DC)		250 ~ 600V		250 ~ 600V				250 ~ 600V	
Nominal Current		5A+2A		5A		5A+2A		2A	
Plastic / Metal		Plastic		Plastic				Plastic	
Pin Assignment		FF	FM	FF	FM	FF	FM	FF	
FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact									

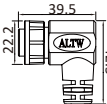
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

11 Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ACDU-12BFFM-LL7A ¹¹ *	CDU-12AFMM-LL7A ¹¹	ACD-14AFFM-LL7A ¹¹	ACD-14BFMM-LL7A ¹¹ *	ACDU-14BFFM-LL7A ¹¹ *	CDU-14AFMM-LL7A ¹¹	CU-18AFFM-LL7A ¹¹
--	--------------------	----------------------------------	-------------------------------	-------------------------------	---------------------------------	----------------------------------	-------------------------------	------------------------------

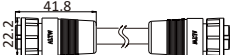
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

11 Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ACDU-12BFFM-LR7A ¹¹ *	ACDU-12BFMM-LR7A ¹¹ *	CD-14AFFM-LR7A ¹¹	ACD-14BFMM-LR7A ¹¹ *	ACDU-14BFFM-LR7A ¹¹ *	ACDU-14BFMM-LR7A ¹¹ *	ACU-18BFFM-LR7A ¹¹ *
---	--------------------	----------------------------------	----------------------------------	------------------------------	---------------------------------	----------------------------------	----------------------------------	---------------------------------

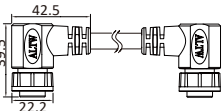
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (F) FF, (B) FM

	End1: (F) FF End2: (F) FF	AA-ACDU12FL-ACDUFL-LA ¹¹ *	-	AA-ACD14FL-ACDFL-LA ¹¹ *	-	AA-ACDU14FL-ACDUFL-LA ¹¹ *	-	AA-ACU18FL-ACUFL-LA ¹¹ *
	End1: (B) FM End2: (B) FM	-	AA-ACDU12BL-ACDUBL-LA ¹¹ *	-	AA-ACD14BL-ACDBL-LA ¹¹ *	-	AA-ACDU14BL-ACDUBL-LA ¹¹ *	-

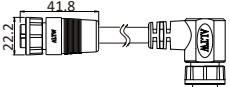
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (F) FF, (B) FM

	End1: (F) FF End2: (F) FF	AA-ACDU12FR-ACDUFR-LA ¹¹ *	-	AA-ACD14FR-ACDFR-LA ¹¹ *	-	AA-ACDU14FR-ACDUFR-LA ¹¹ *	-	AA-ACU18FR-ACUFR-LA ¹¹ *
	End1: (B) FM End2: (B) FM	-	AA-ACDU12BR-ACDUBR-LA ¹¹ *	-	AA-ACD14BL-ACDBL-LA ¹¹ *	-	AA-ACDU14BR-ACDUBR-LA ¹¹ *	-

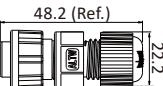
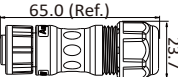
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (F) FF, (B) FM

	End1: (F) FF End2: (F) FF	AA-ACDU12FL-ACDUFR-LA ¹¹ *	-	AA-ACD14FL-ACDFR-LA ¹¹ *	-	AA-ACDU14FL-ACDUFR-LA ¹¹ *	-	AA-ACU18FL-ACUFR-LA ¹¹ *
	End1: (B) FM End2: (B) FM	-	AA-ACDU12BL-ACDUBR-LA ¹¹ *	-	AA-ACD14BL-ACDBR-LA ¹¹ *	-	AA-ACDU14BL-ACDUBR-LA ¹¹ *	-

Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

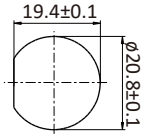
	Solder Type	ACDU-12BFFA-LL7001*	CDU-12BFMA-LL7001	CD-14BFFA-LL7001	ACD-14BFMA-LL7001*	ACDU-14BFFA-LL7001*	CDU-14BFMA-LL7001	CU-18BFFA-LL7001
	Crimp Type	ACDU-12BFFC-LL7 ¹¹ P0*	ACDU-12BMFC-LL7 ¹¹ P0*	ACD-14BFFC-LL7 ¹¹ P0	ACD-14BFMC-LL7 ¹¹ P0*	ACDU-14BFFC-LL7 ¹¹ P0*	ACDU-14BMFC-LL7 ¹¹ P0*	CU-18BFFC-LL7 ¹¹ P0*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Panel Cut Out

Assemble Style



Circular Flange (D Cut)


PCB 180°
(P) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

No of Contacts	2	3	4	
Rated Voltage (AC/DC)	250 ~ 600V	250 ~ 600V	250 ~ 600V	
Nominal Current	20A	20A	10A	
Plastic / Metal	Plastic	Plastic	Plastic	
Pin Assignment	MM	MM	MM	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	ACC-02PMM5-SC7001*	ACC-03PMM5-SC7001	ACB-04PMM5-SC7001	ACB-04PMF5-SC7001
	180° PCB Type	1CC-02PMM5-SC7001*	CC-03PMM5-SC7001	CB-04PMM5-SC7001	CB-04PMF5-SC7001

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	ACC-02RMM5-SC7001*	CC-03RMM5-SC7001	CB-04RMM5-SC7001	CB-04RMF5-SC7001

Receptacle With Cable, **STRAIGHT**, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾ | Recommended Panel Thickness: (with cap) max. 2.0mm, (without cap) max. 3.0mm

	UL2464, PVC Jacket	-	CB-03PMMM-SL7A⑪	CB-04PMMM-SL7A⑪	CB-04PMFM-SL7A⑪
--	--------------------	---	-----------------	-----------------	-----------------

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ACC-02BMMM-SL7A⑪*	ACC-03BMMM-SL7A⑪*	ACB-04BMMM-SL7A⑪*	ACB-04BMFM-SL7A⑪*
--	--------------------	-------------------	-------------------	-------------------	-------------------

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	ACC-02BMM5A-SL7001*	ACC-03BMM5A-SL7001*	ACB-04BMM5A-SL7001*	ACB-04BMFA-SL7001*
	Crimp Type	ACC-02BMM5C-SL7⑪P0*	ACC-03BMM5C-SL7⑪P0*	ACB-04BMM5C-SL7⑪P0*	ACB-04BMFC-SL7⑪P0*
	Screw-In Type	ACC-02BMM5B-SL7⑪P0*	ACC-03BMM5B-SL7⑪P0*	-	-

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ACC02ML-ACCML-SA⑪*	AA-ACC03ML-ACCML-SA⑪*	AA-ACB04ML-ACBML-SA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ACC02ML-ACCFL-SA⑪*	AA-ACC03ML-ACCFL-SA⑪*	AA-ACB04ML-ACBFL-SA⑪*	-
	End1: (H) MF End2: (H) MF	-	-	-	AA-ACB04HL-ACBHL-SA⑪*
	End1: (H) MF End2: (B) FM	-	-	-	AA-ACB04HL-ACBBL-SA⑪*

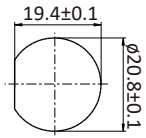
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (F) FF	AA-ACC02ML-ACCFL-SA⑪*	AA-ACC03ML-ACCFL-SA⑪*	AA-ACB04ML-ACBFR-SA⑪*	-
	End1: (H) MF End2: (B) FM	-	-	-	AA-ACB04HL-ACBFR-SA⑪*

Panel Cut Out

Assemble Style



Circular Flange (D Cut)


PCB 180°
(P) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

No of Contacts	5		6	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	10A		10A	
Plastic / Metal	Plastic		Plastic	
Pin Assignment	MM	MF	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	ACB-05P MM S-SC7001	ACB-05P MF S-SC7001	ACB-06P MM S-SC7001	ACB-06P MF S-SC7001*
	180° PCB Type	CB-05P MM P-SC7001	CB-05P MF P-SC7001	CB-06P MM P-SC7001	1CB-06P MF P-SC7001*

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	CB-05R MM S-SC7001	CB-05R MF S-SC7001	CB-06R MM S-SC7001	ACB-06R MF S-SC7001*
--	-------------	---------------------------	---------------------------	---------------------------	-----------------------------

Receptacle With Cable, **STRAIGHT**, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾ | Recommended Panel Thickness: (with cap) max. 2.0mm, (without cap) max. 3.0mm

	UL2464, PVC Jacket	CB-05P MM M-SL7A ⑪	CB-05P MF M-SL7A ⑪	CB-06P MM M-SL7A ⑪	ACB-06P MF M-SL7A ⑪*
--	--------------------	---------------------------	---------------------------	---------------------------	-----------------------------

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ACB-05B MM M-SL7A ⑪*	ACB-05B MF M-SL7A ⑪*	ACB-06B MM M-SL7A ⑪*	ACB-06B MF M-SL7A ⑪*
--	--------------------	-----------------------------	-----------------------------	-----------------------------	-----------------------------

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	ACB-05B MM A-SL7001*	ACB-05B MF A-SL7001*	ACB-06B MM A-SL7001*	ACB-06B MF A-SL7001*
	Crimp Type	ACB-05B MM C-SL7 ⑪ P0*	ACB-05B MF C-SL7 ⑪ P0*	ACB-06B MM C-SL7 ⑪ P0*	ACB-06B MF C-SL7 ⑪ P0*

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ACB05 ML -ACB ML -SA ⑪*	-	AA-ACB06 ML -ACB ML -SA ⑪*	-
	End1: (M) MM End2: (F) FF	AA-ACB05 ML -ACB FL -SA ⑪*	-	AA-ACB06 ML -ACB FL -SA ⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ACB05 HL -ACB HL -SA ⑪*	-	AA-ACB06 HL -ACB HL -SA ⑪*
	End1: (H) MF End2: (B) FM	-	AA-ACB05 HL -ACB BL -SA ⑪*	-	AA-ACB06 HL -ACB BL -SA ⑪*






STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (F) FF	AA-ACB05 ML -ACB FR -SA ⑪*	-	AA-ACB06 ML -ACB FR -SA ⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ACB05 HL -ACB BR -SA ⑪*	-	AA-ACB06 HL -ACB BR -SA ⑪*

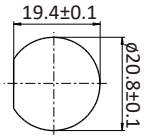
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

7		8						9	
250 ~ 600V		250 ~ 600V						250 ~ 600V	
5A		5A		10A+2A		10A+5A		5A	
Plastic		Plastic						Plastic	
MM	MF	MM	MF	MM	MF	MM	MF	MM	MF
									
ACD-07PMM S -SC7001	ACD-07PMF S -SC7001	ACD-08PMM S -SC7001	CD-08PMF S -SC7001	ACBU-08PMM S -SC7001*	ACBU-08PMF S -SC7001*	CBD-08PMM S -SC7001	CBD-08PMF S -SC7001	ACD-09PMM S -SC7001	ACD-09PMF S -SC7001
CD-07PMM P -SC7001	CD-07PMF P -SC7001	CD-08PMM P -SC7001	CD-08PMF P -SC7001	1CBU-08PMM P -SC7001*	1CBU-08PMF P -SC7001*	CBD-08PMM P -SC7001	CBD-08PMF P -SC7001	CD-09PMM P -SC7001	CD-09PMF P -SC7001
CD-07RMM S -SC7001	CD-07RMF S -SC7001	CD-08RMM S -SC7001	ACD-08RMF S -SC7001*	-	-	-	-	CD-09RMM S -SC7001	CD-09RMF S -SC7001
CD-07PMMM-SL7A ¹¹	CD-07PMFM-SL7A ¹¹	CD-08PMMM-SL7A ¹¹	CD-08PMFM-SL7A ¹¹	-	-	-	-	CD-09PMMM-SL7A ¹¹	CD-09PMFM-SL7A ¹¹
ACD-07BMMM-SL7A ¹¹ *	ACD-07BMFM-SL7A ¹¹ *	ACD-08BMMM-SL7A ¹¹ *	ACD-08BMFM-SL7A ¹¹ *	ACBU-08BMMM-SL7A ¹¹ *	ACBU-08BMFM-SL7A ¹¹ *	ACBD-08BMMM-SL7A ¹¹ *	ACBD-08BMFM-SL7A ¹¹ *	ACD-09BMMM-SL7A ¹¹ *	ACD-09BMFM-SL7A ¹¹ *
ACD-07BMM A -SL7001*	ACD-07BMF A -SL7001*	ACD-07BMM A -SL7001*	ACD-07BMF A -SL7001*	ACBU-08BMM A -SL7001*	ACBU-08BMF A -SL7001*	ACBD-08BMM A -SL7001*	ACBD-08BMF A -SL7001*	ACD-09BMM A -SL7001*	ACD-09BMF A -SL7001*
ACD-07BMMC-SL7 ¹¹ P0*	ACD-07BMF C -SL7 ¹¹ P0*	ACD-07BMMC-SL7 ¹¹ P0*	ACD-07BMF C -SL7 ¹¹ P0*	ACBU-08BMMC-SL7 ¹¹ P0*	ACBD-08BMF C -SL7 ¹¹ P0*	ACBD-08BMMC-SL7 ¹¹ P0*	ACBD-08BMF C -SL7 ¹¹ P0*	ACD-09BMMC-SL7 ¹¹ P0*	ACD-09BMF C -SL7 ¹¹ P0*

AA-ACD07ML-ACDML-SA ¹¹ *	-	AA-ACD08ML-ACDML-SA ¹¹ *	-	AA-ACBU08ML-ACBUML-SA ¹¹ *	-	AA-ACDU08ML-ACDUML-SA ¹¹ *	-	AA-ACD09ML-ACDML-SA ¹¹ *	-
AA-ACD07ML-ACDFL-SA ¹¹ *	-	AA-ACD08ML-ACDFL-SA ¹¹ *	-	AA-ACBU08ML-ACBUFL-SA ¹¹ *	-	AA-ACDU08ML-ACDUFL-SA ¹¹ *	-	AA-ACD09ML-ACDFL-SA ¹¹ *	-
-	AA-ACD07HL-ACDHL-SA ¹¹ *	-	AA-ACD08HL-ACDHL-SA ¹¹ *	-	AA-ACBU08HL-ACBUHL-SA ¹¹ *	-	AA-ACBD08HL-ACBDHL-SA ¹¹ *	-	AA-ACD09HL-ACDHL-SA ¹¹ *
-	AA-ACD07HL-ACDBL-SA ¹¹ *	-	AA-ACD08HL-ACDBL-SA ¹¹ *	-	AA-ACBU08HL-ACBUBL-SA ¹¹ *	-	AA-ACBD08HL-ACBDBL-SA ¹¹ *	-	AA-ACD09HL-ACDBL-SA ¹¹ *
AA-ACD07ML-ACDFR-SA ¹¹ *	-	AA-ACD08ML-ACDFR-SA ¹¹ *	-	AA-ACBU08ML-ACBUFR-SA ¹¹ *	-	AA-ACBD08ML-ACBDFR-SA ¹¹ *	-	AA-ACD09ML-ACDFR-SA ¹¹ *	-
-	AA-ACD07HL-ACDBR-SA ¹¹ *	-	AA-ACD08HL-ACDBR-SA ¹¹ *	-	AA-ACBU08HL-ACBUBR-SA ¹¹ *	-	AA-ACBD08HL-ACBDBR-SA ¹¹ *	-	AA-ACD09HL-ACDBR-SA ¹¹ *

Panel Cut Out Assemble Style



Circular Flange (D Cut)


PCB 180°
(P) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

No of Contacts	10		12	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	5A		5A	
Plastic / Metal	Plastic		Plastic	
Pin Assignment	MM	MF	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	ACD-10PMMMS-SC7001	ACD-10PMFMS-SC7001*	ACD-12PMMMS-SC7001	ACD-12PMFMS-SC7001*
	180° PCB Type	CD-10PMMMP-SC7001	1CD-10PMFMP-SC7001*	CD-12PMMMP-SC7001	1CD-12PMFMP-SC7001*

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: (with cap) max. 2.8mm, (without cap) max. 4.0mm

	Solder Type	CD-10RMMMS-SC7001	ACD-10RMFMS-SC7001*	CD-12RMMMS-SC7001	ACD-12RMFMS-SC7001*
--	-------------	-------------------	---------------------	-------------------	---------------------

Receptacle With Cable, **STRAIGHT**, IP67 (Unmated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾ | Recommended Panel Thickness: (with cap) max. 2.0mm, (without cap) max. 3.0mm

	UL2464, PVC Jacket	CD-10PMMM-SL7A⑪	ACD-10PMFMS-SL7A⑪*	CD-12PMMM-SL7A⑪	ACD-12PMFMS-SL7A⑪*
--	--------------------	-----------------	--------------------	-----------------	--------------------

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ACD-10BMMM-SL7A⑪*	ACD-10BMFMS-SL7A⑪*	ACD-12BMMM-SL7A⑪*	ACD-12BMFMS-SL7A⑪*
--	--------------------	-------------------	--------------------	-------------------	--------------------

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	Solder Type	ACD-10BMMMA-SL7001*	ACD-10BMFMA-SL7001*	ACD-12BMMMA-SL7001*	ACD-12BMFMA-SL7001*
	Crimp Type	ACD-10BMMMC-SL7⑪PO*	ACD-10BMFMC-SL7⑪PO*	ACD-12BMMMC-SL7⑪PO*	ACD-12BMFMC-SL7⑪PO*

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ACD10ML-ACDML-SA⑪*	-	AA-ACD12ML-ACDML-SA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ACD10ML-ACDFL-SA⑪*	-	AA-ACD12ML-ACDFL-SA⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ACD10HL-ACDHL-SA⑪*	-	AA-ACD12HL-ACDHL-SA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ACD10HL-ACDBL-SA⑪*	-	AA-ACD12HL-ACDBL-SA⑪*





STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (F) FF	AA-ACD10ML-ACDFR-SA⑪*	-	AA-ACD12ML-ACDFR-SA⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ACD10HL-ACDBR-SA⑪*	-	AA-ACD12HL-ACDBR-SA⑪*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

12		14				18
250 ~ 600V		250 ~ 600V				250 ~ 600V
5A+2A		5A		5A+2A		2A
Plastic		Plastic				Plastic
MM	MF	MM	MF	MM	MF	MM
						
ACDU-12PMM S -SC7001*	CDU-12PMF S -SC7001	ACD-14PMM S -SC7001	ACD-14PMF S -SC7001*	ACDU-14PMM S -SC7001*	CDU-14PMF S -SC7001	CU-18PMM S -SC7001
1CDU-12PMM P -SC7001*	CDU-12PMF P -SC7001	CD-14PMM P -SC7001	1CD-14PMF P -SC7001*	1CDU-14PMM P -SC7001*	CDU-14PMF P -SC7001	-
-	-	CD-14RMM S -SC7001	ACD-14RMF S -SC7001*	-	-	-
-	-	CD-14PMMM-SL7A 11	ACD-14PMFM-SL7A 11 *	-	-	-
ACDU-12BMMM-SL7A 11 *	ACDU-12BMFM-SL7A 11 *	ACD-14BMMM-SL7A 11 *	ACD-14BMFM-SL7A 11 *	ACDU-14BMMM-SL7A 11 *	ACDU-14BMFM-SL7A 11 *	CU-18BMMM-SL7A 11 *
ACDU-12BMMA-SL7001*	ACDU-12BMFA-SL7001*	ACD-14BMMA-SL7001*	ACD-14BMFA-SL7001*	ACDU-14BMMA-SL7001*	ACDU-14BMFA-SL7001*	CU-18BMMA-SL7001*
ACDU-12BMMC-SL7 11 P0*	ACDU-12BMFC-SL7 11 P0*	-	ACD-14BMFC-SL7 11 P0*	ACDU-14BMMC-SL7 11 P0*	ACDU-14BMFC-SL7 11 P0*	CU-18BMMC-SL7 11 P0*

AA-ACBD12ML-ACBDML-SA 11 *	-	AA-ACD14ML-ACDML-SA 11 *	-	AA-ACBD14ML-ACBDML-SA 11 *	-	AA-ACU18ML-ACUML-SA 11 *
AA-ACBD12ML-ACBDFL-SA 11 *	-	AA-ACD14ML-ACDFL-SA 11 *	-	-	-	AA-ACU18ML-ACUFL-SA 11 *
-	AA-ACDU12HL-ACDUHL-SA 11 *	-	AA-ACD14HL-ACDHL-SA 11 *	-	AA-ACDU14HL-ACDUHL-SA 11 *	-
-	AA-ACDU12HL-ACDUBL-SA 11 *	-	AA-ACD14HL-ACDUBL-SA 11 *	-	AA-ACDU14HL-ACDUBL-SA 11 *	-
AA-ACDU12ML-ACDUFR-SA 11 *	-	AA-ACD14ML-ACDFR-SA 11 *	-	AA-ACDU14ML-ACDUFR-SA 11 *	-	AA-ACU18ML-ACUFR-SA 11 *
-	AA-ACDU12HL-ACDUBR-SA 11 *	-	AA-ACD14HL-ACDUBR-SA 11 *	-	AA-ACDU14HL-ACDUBR-SA 11 *	-

Assemble Style



Solder







Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts		2	3	4	
Rated Voltage (AC/DC)		250 ~ 600V	250 ~ 600V	250 ~ 600V	
Nominal Current		20A	20A	10A	
Plastic / Metal		Plastic	Plastic	Plastic	
Pin Assignment		FF	FF	FF	FM
FF: Female Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ACC-02BFFM-SL7A ⑪*	ACC-03AFFM-SL7A ⑪	ACB-04AFFM-SL7A ⑪	ACB-04AFMM-SL7A ⑪
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ACC-02BFFM-SR7A ⑪*	ACC-03BFFM-SR7A ⑪*	ACB-04BFFM-SR7A ⑪*	ACB-04BFMM-SR7A ⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACC02FL-ACCFL-SA ⑪*	AA-ACC03FL-ACCFL-SA ⑪*	AA-ACB04FL-ACBFL-SA ⑪*	-
	End1: (B) FM End2: (B) FM	-	-	-	AA-ACB04BL-ACBBL-SA ⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACC02FR-ACCFR-SA ⑪*	AA-ACC03FR-ACCFR-SA ⑪*	AA-ACB04FR-ACBFR-SA ⑪*	-
	End1: (B) FM End2: (B) FM	-	-	-	AA-ACB04BR-ACBBR-SA ⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACC02FL-ACCFR-SA ⑪*	AA-ACC03FL-ACCFR-SA ⑪*	AA-ACB04FL-ACBFR-SA ⑪*	-
	End1: (B) FM End2: (B) FM	-	-	-	AA-ACB04BL-ACBBR-SA ⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	ACC-02BFFA-SL7001*	CC-03BFFA-SL7001	CB-04BFFA-SL7001	CB-04BFMA-SL7001
<div>NEW</div>	Crimp Type	ACC-02BFFC-SL7 ⑪ P0*	ACC-03BFFC-SL7 ⑪ P0	ACB-04BFFC-SL7 ⑪ P0*	ACB-04BFMC-SL7 ⑪ P0*
	Crimp Type	ACC-02BFFB-SL7 ⑪ P0*	ACC-03BFFB-SL7 ⑪ P0*	-	-

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5		6		7		8	
250 ~ 600V		250 ~ 600V		250 ~ 600V		250 ~ 600V	
10A		10A		5A		5A	
Plastic		Plastic		Plastic		Plastic	
FF	FM	FF	FM	FF	FM	FF	FM
							
ACB-05A FFM -SL7A 11	ACB-05A FMM -SL7A 11	ACB-06A FFM -SL7A 11	ACB-06B FMM -SL7A 11 *	ACD-07A FFM -SL7A 11	ACD-07A FMM -SL7A 11	ACD-08A FFM -SL7A 11	ACD-08A FMM -SL7A 11
ACB-05B FFM -SR7A 11 *	ACB-05B FMM -SR7A 11 *	ACB-06B FFM -SR7A 11 *	ACB-06B FMM -SR7A 11 *	ACD-07B FFM -SR7A 11 *	ACD-07B FMM -SR7A 11 *	ACD-08B FFM -SR7A 11 *	ACD-08B FMM -SR7A 11 *
AA-ACB05 FL -ACB FL -SA 11 *	-	AA-ACB06 FL -ACB FL -SA 11 *	-	AA-ACD07 FL -ACD FL -SA 11 *	-	AA-ACD08 FL -ACD FL -SA 11 *	-
-	AA-ACB05 BL -ACB BL -SA 11 *	-	AA-ACB06 BL -ACB BL -SA 11 *	-	AA-ACD07 BL -ACD BL -SA 11 *	-	AA-ACD08 BL -ACD BL -SA 11 *
AA-ACB05 FR -ACB FR -SA 11 *	-	AA-ACB06 FR -ACB FR -SA 11 *	-	AA-ACD07 FR -ACD FR -SA 11 *	-	AA-ACD08 FR -ACD FR -SA 11 *	-
-	-	-	-	-	AA-ACD07 BR -ACD BR -SA 11 *	-	AA-ACD08 BR -ACD BR -SA 11 *
AA-ACB05 FL -ACB FR -SA 11 *	-	AA-ACB06 FL -ACB FR -SA 11 *	-	AA-ACD07 FL -ACD FR -SA 11 *	-	AA-ACD08 FL -ACD FR -SA 11 *	-
-	AA-ACB05 BL -ACB BR -SA 11 *	-	AA-ACB06 BL -ACB BR -SA 11 *	-	AA-ACD07 BL -ACD BR -SA 11 *	-	AA-ACD08 BL -ACD BR -SA 11 *
CB-05B FFA -SL7001	CB-05B FMA -SL7001	CB-06B FFA -SL7001	ACB-06B FMA -SL7001*	CD-07B FFA -SL7001	CD-07B FMA -SL7001	CD-08B FFA -SL7001	CD-08B FMA -SL7001
ACB-05B FFC -SL7 11 P0*	ACB-05B FMC -SL7 11 P0	ACB-06B FFC -SL7 11 P0	ACB-06B FMC -SL7 11 P0*	ACD-07B FFC -SL7 11 P0*	ACD-07B FMC -SL7 11 P0*	ACD-08B FFC -SL7 11 P0*	ACD-08B FMC -SL7 11 P0*
-	-	-	-	-	-	-	-

Assemble Style



Solder







Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts		8			
Rated Voltage (AC/DC)		250 ~ 600V			
Nominal Current		10A+2A		10A+5A	
Plastic / Metal		Plastic			
Pin Assignment		FF	FM	FF	FM
FF: Female Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ACBU-08BFFM-SL7A⑪*	ACBU-08BFMM-SL7A⑪*	CBD-08AFFM-SL7A⑪	CBD-08AFMM-SL7A⑪
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ACBU-08BFFM-SR7A⑪*	ACBU-08BFMM-SR7A⑪*	ACBD-08BFFM-SR7A⑪*	ACBD-08BFMM-SR7A⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACBU08FL-ACBUFL-SA⑪*	-	AA-ACBD08FL-ACBDFL-SA⑪	-
	End1: (B) FM End2: (B) FM	-	AA-ACBU-08BL-ACBUBL-SA⑪	-	AA-ACBD08BL-ACBDBL-SA⑪
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACBU08FR-ACBUFR-SA⑪*	-	AA-ACBD08FR-ACBDFR-SA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ACBU08BR-ACBUBR-SA⑪*	-	AA-ACBD08BR-ACBD BR-SA⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ACBU08FL-ACBUFR-SA⑪*	-	AA-ACBD08FL-ACBDFR-SA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ACBU08BL-ACBUBR-SA⑪*	-	AA-ACBD08BL-ACBD BR-SA⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	ACBU-08BFFA-SL7001*	ACBU-08BFMA-SL7001*	ACBD-08BFFA-SL7001*	CBD-08BFMA-SL7001
	Crimp Type	ACBU-08BFFC-SL7⑪P0*	ACBU-08BFMC-SL7⑪P0*	ACBD-08BFFC-SL7⑪P0	ACBD-08BFMC-SL7⑪P0

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

9		10		12			
250 ~ 600V		250 ~ 600V		250 ~ 600V			
5A		5A		5A		5A+2A	
Plastic		Plastic		Plastic			
FF	FM	FF	FM	FF	FM	FF	FM
							
ACD-09A FFM -SL7A 11	ACD-09A FMM -SL7A 11	ACD-10A FFM -SL7A 11	ACD-10B FMM -SL7A 11 *	ACD-12A FFM -SL7A 11	ACD-12B FMM -SL7A 11 *	ACDU-12B FFM -SL7A 11 *	CDU-12A FMM -SL7A 11
ACD-09B FFM -SR7A 11 *	ACD-09B FMM -SR7A 11 *	ACD-10B FFM -SR7A 11 *	ACD-10B FMM -SR7A 11 *	ACD-12B FFM -SR7A 11 *	ACD-12B FMM -SR7A 11 *	ACDU-12B FFM -SR7A 11 *	ACDU-12B FMM -SR7A 11 *
AA-ACD09 FL -ACD FL -SA 11 *	-	AA-ACD10 FL -ACD FL -SA 11 *	-	AA-ACD12 FL -ACD FL -SA 11 *	-	AA-ACDU12 FL -ACDU FL -SA 11 *	-
-	AA-ACD09 BL -ACD BL -SA 11 *	-	AA-ACD10 BL -ACD BL -SA 11 *	-	AA-ACD12 BL -ACD BL -SA 11 *	-	AA-ACDU12 BL -ACDU BL -SA 11 *
AA-ACD09 FR -ACD FR -SA 11 *	-	AA-ACD10 FR -ACD FR -SA 11 *	-	AA-ACD12 FR -ACD FR -SA 11 *	-	AA-ACDU12 FR -ACDU FR -SA 11 *	-
-	AA-ACD09 BR -ACD BR -SA 11 *	-	AA-ACD10 BR -ACD BR -SA 11 *	-	AA-ACD12 BR -ACD BR -SA 11 *	-	AA-ACDU12 BR -ACDU BR -SA 11 *
AA-ACD09 FL -ACD FR -SA 11 *	-	AA-ACD10 FL -ACD FR -SA 11 *	-	AA-ACD07 FL -ACD FR -SA 11 *	-	AA-ACDU12 FL -ACDU FR -SA 11 *	-
-	AA-ACD09 BL -ACD BR -SA 11 *	-	AA-ACD10 BL -ACD BR -SA 11 *	-	AA-ACD07 BL -ACD BR -SA 11 *	-	AA-ACDU12 BL -ACDU BR -SA 11 *
CD-09B FFA -SL7001	CD-09B FMA -SL7001	CD-10B FFA -SL7001	ACD-10B FMA -SL7001*	CD-12B FFA -SL7001	ACD-12B FMA -SL7001*	ACDU-12B FFA -SL7001*	CDU-12B FMA -SL7001
ACD-09B FFC -SL7 11 P0*	ACD-09B FM C -SL7 11 P0*	ACD-10B FFC -SL7 11 P0*	ACD-10B FM C -SL7 11 P0*	ACD-12B FFC -SL7 11 P0*	ACD-12B FM C -SL7 11 P0*	ACDU-12B FFC -SL7 11 P0*	ACBU-12B FM C -SL7 11 P0*

Assemble Style





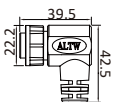
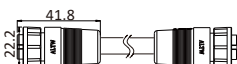
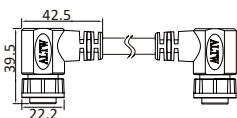
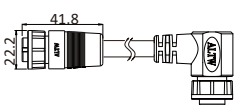
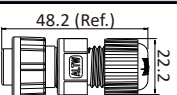
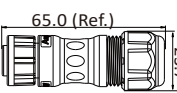


Solder



Crimp

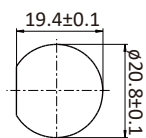
(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts	14				18	
Rated Voltage (AC/DC)	250 ~ 600V				250 ~ 600V	
Nominal Current	5A		5A+2A		2A	
Plastic / Metal	Plastic				Plastic	
Pin Assignment	FF	FM	FF	FM	FF	
FF: Female Connector Female Contact FM: Female Connector Male Contact						
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)						
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾						
	UL2464, PVC Jacket	ACD-14AFFM-SL7A⑪	ACD-14BFMM-SL7A⑪*	ACDU-14BFFM-SL7A⑪*	CDU-14AFMM-SL7A⑪	CU-18AFFM-SL7A⑪
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)						
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾						
	UL2464, PVC Jacket	ACD-14BFFM-SR7A⑪*	ACD-14BFMM-SR7A⑪*	ACDU-14BFFM-SR7A⑪*	ACDU-14BFMM-SR7A⑪*	CU-18BFFM-SR7A⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM						
	End1: (F) FF End2: (F) FF	AA-ACD14FL-ACDFL-SA⑪*	-	AA-ACDU14FL-ACDUFL-SA⑪*	-	AA-ACU18FL-ACUFL-SA⑪*
	End1: (B) FM End2: (B) FM	-	AA-ACD14BL-ACDBL-SA⑪*	-	AA-ACDU14BL-ACDUBL-SA⑪*	-
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM						
	End1: (F) FF End2: (F) FF	AA-ACD14FR-ACDFR-SA⑪*	-	AA-ACDU14FR-ACDUFR-SA⑪*	-	AA-ACU18FR-ACUFR-SA⑪*
	End1: (B) FM End2: (B) FM	-	AA-ACD14BR-ACDBR-SA⑪*	-	AA-ACDU14BR-ACDUBR-SA⑪*	-
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)						
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM						
	End1: (F) FF End2: (F) FF	AA-ACD14FL-ACDFR-SA⑪*	-	AA-ACDU14FL-ACDUFR-SA⑪*	-	AA-ACU18FL-ACUFR-SA⑪*
	End1: (B) FM End2: (B) FM	-	AA-ACD14BL-ACDBR-SA⑪*	-	AA-ACDU14BL-ACDUBR-SA⑪*	-
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)						
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm						
	Solder Type	CD-14BFFA-SL7001	ACD-14BFMA-SL7001*	ACDU-14BFFA-SL7001*	CDU-14BFMA-SL7001	CU-18BFFA-SL7001
	Crimp Type	ACD-14BFFC-SL7⑪PO	ACD-14BFMC-SL7⑪PO*	ACDU-14BFFC-SL7⑪PO*	ACBU-14BFMC-SL7⑪PO*	CU-18BFFC-SL7⑪PO*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Panel Cut Out Assemble Style



Circular Flange (D Cut)


Solder
(S) Receptacle

(A) Field Serviceable/Installable



Crimp

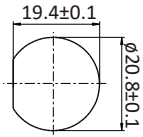
(C) Field Serviceable/Installable

No of Contacts	8	
Rated Voltage (AC/DC)	250 ~ 600V	
Nominal Current	10A+2A	
Plastic / Metal	Plastic	
Pin Assignment	Males / Female Conn. Hybrid (Power+Signal) Contact	
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact	(D) Female Power+Male Signal (E) Male Power+Female Signal	
Receptacle, Circular Flange, FRONT Fastened Nut, IP67 (Unmated) Nut Torque Value: 11.5 ~ 14 kgf.cm Recommended Panel Thickness: (with cap) max. 3.0mm, (without cap) max. 4.0mm		
	Solder Type Male Power+Female Signal	CBU-08PMES-TC7001
	Solder Type Female Power+Male Signal	CBU-08PMDS-TC7001
STRAIGHT , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated) 11 Cable Length: (01) 1M ~ (99) 99M ¹⁾		
	UL2464, PVC Jacket Male Power+Female Signal	ACBU-08BMEM-TL7A 11 *
	UL2464, PVC Jacket Female Power+Male Signal	ACBU-08BMDM-TL7A 11 *
STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated) 11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾		
	End 1: (V) Male Conn Male Power Female Signal Contact End 2: (V) Male Conn Male Power Female Signal Contact	AA-ACBU08VL-ACBUVL-TA 11 *
	End 1: (U) Male Conn Female Power Male Signal Contact End 2: (U) Male Conn Female Power Male Signal Contact	AA-ACBU08UL-ACBUUL-TA 11 *
	End 1: (V) Male Conn Male Power Female Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ACBU08VL-ACBUWL-TA 11 *
	End 1: (U) Male Conn Female Power Male Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ACBU08UL-ACBUXL-TA 11 *
STRAIGHT-TO-RIGHT ANGLE , Overmolded Double-Ended Cable Assembly, IP67 (Mated) 11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾		
	End 1: (V) Male Conn Male Power Female Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ACBU08VL-ACBUWR-TA 11 *
	End 1: (U) Male Conn Female Power Male Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ACBU08UL-ACBUXR-TA 11 *
Field Serviceable/Installable, STRAIGHT , Without Strain Relief, IP67 (Mated) Sealing Nut Torque Value: 8 ~ 15 kgf.cm 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm		
	Solder Type Male Power+Female Signal	ACBU-08BMEA-TL7001*
	Solder Type Female Power+Male Signal	ACBU-08BMEA-TL7 11 P0*
	Crimp Type Male Power+Female Signal	ACBU-08BMDC-TL7001*
	Crimp Type Female Power+Male Signal	ACBU-08BMDC-TL7 11 P0*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Panel Cut Out Assemble Style



Circular Flange (D Cut)



Solder



Crimp

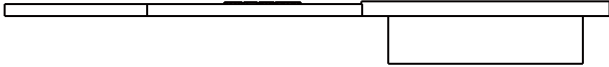
(A) Field Serviceable/Installable (C) Field Serviceable/Installable

No of Contacts		8
Rated Voltage (AC/DC)		250 ~ 600V
Nominal Current		10A+2A
Plastic / Metal		Plastic
Pin Assignment		Males / Female Conn. Hybrid (Power+Signal) Contact
MM: Male Connector Male Contact (D) Female Power+Male Signal FF: Female Connector Female Contact (E) Male Power+Female Signal MF: Male Connector Female Contact FM: Female Connector Male Contact		
Receptacle With Cable, STRAIGHT , IP67 (Unmated)		
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾		
	UL2464, PVC Jacket Male Power+Female Signal	CBU-08AFDM-TL7A ⑪
	UL2464, PVC Jacket Female Power+Male Signal	CBU-08AFEM-TL7A ⑪
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)		
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾		
	UL2464, PVC Jacket Male Power+Female Signal	ACBU-08BFDM-TR7A ⑪*
	UL2464, PVC Jacket Female Power+Male Signal	ACBU-08BFEM-TR7A ⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)		
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾		
	End 1: (W) Female Conn Female Power Male Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ACBU08WL-ACBUWL-TA ⑪*
	End 1: (X) Female Conn Male Power Female Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ACBU08XL-ACBUXL-TA ⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)		
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾		
	End 1: (W) Female Conn Female Power Male Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ACBU08WR-ACBUWR-TA ⑪*
	End 1: (X) Female Conn Male Power Female Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ACBU08XR-ACBUXR-TA ⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)		
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾		
	End 1: (W) Female Conn Female Power Male Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ACBU08WL-ACBUWR-TA ⑪*
	End 1: (X) Female Conn Male Power Female Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ACBU08XL-ACBUXR-TA ⑪*
Field Serviceable/Installable, STRAIGHT , Without Strain Relief, IP67 (Mated)		
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm		
	Solder Type Male Power+Female Signal	CBU-08BFDA-TL7001
	Solder Type Female Power+Male Signal	CBU-08BFEA-TL7001
	Crimp Type Male Power+Female Signal	ACBU-08BFDC-TL7 ⑪ P0*
	Crimp Type Female Power+Male Signal	ACBU-08BFEC-TL7 ⑪ P0*


* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

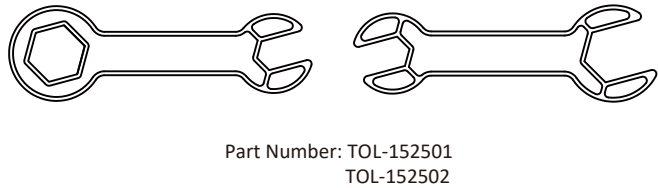
Dust Cap

<div></div> <div>With Rubber Lead</div>					
Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
Middle Size	Receptacle	Cover	Male	With Rubber Lead	CAP-DACMDPC1 / CAP-DACMDPC2
			Female	With Rubber Lead	CAP-DACFDCC1

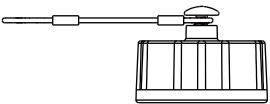
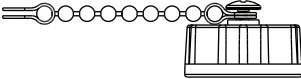
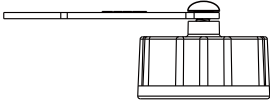

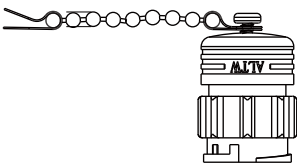
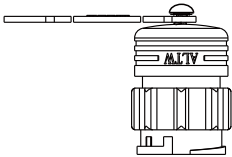

Dummy Cap

<div></div>			
Size	Mating Part	Mating Style	Part Number
Middle Size	For Enclosure	Screw Thread	CAP-CACFSBA1

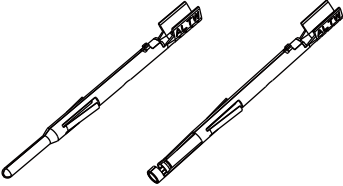
Wrench



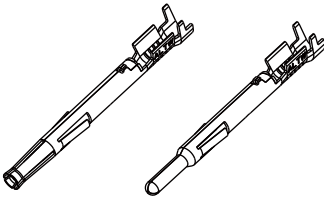
Waterproof Cap

<div><div>For Mating with Male Connector</div><div></div><div>NoneWith Rubber LeadWith ChainWith Fish Line</div></div> <div><div>For Mating with Female Connector</div><div></div><div>NoneWith Rubber LeadWith Chain</div></div>					
Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
Middle Size	Receptacle	Screw Thread	Male	With Chain	CAP-WACMSPB1 / CAP-WACMSPB2 (Metal)
		Screw Thread	Male	With Rubber Lead	CAP-WACMSPC1 / CAP-WACMSPC2 (Metal)
		2 Points Lock	Male	With Chain	CAP-WACMLPB1
		2 Points Lock	Female	With Chain	CAP-WACFLPB1
		2 Points Lock	Female	With Rubber Lead	CAP-WACFLPC1
	Overmolded With Cable & Field Installable	Screw Thread	Male	None	CAP-WACMSMA1 / CAP-WACMSMA2 (Metal)
		Screw Thread	Male	With Fish Line	CAP-WACMSPD1 / CAP-WACMSPD2 (Metal)
		2 Points Lock	Male	None	CAP-WACMLMA1
		2 Points Lock	Male	None	CAP-WACMLPC1
		2 Points Lock	Female	None	CAP-WACFLMA1

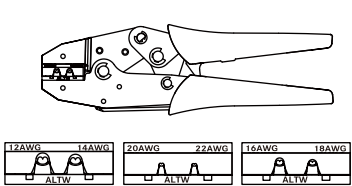
Contacts & Crimp Tool



5A



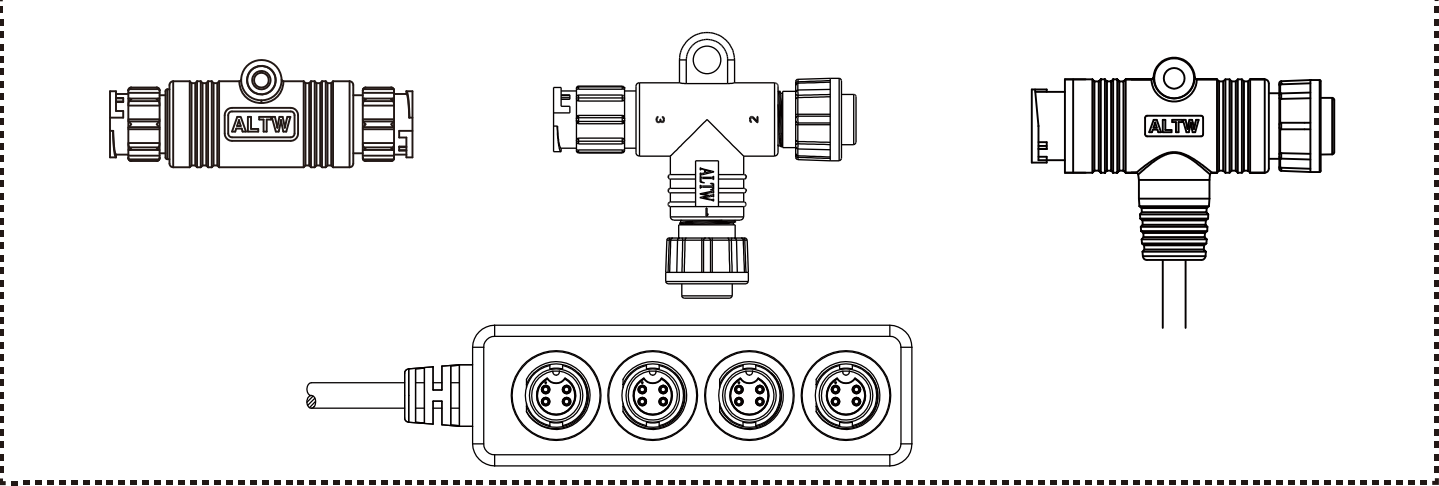
10A/20A



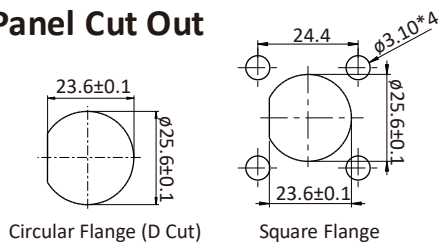
Crimp Tool

Nominal Current	Contact Gender	Part Number	Packages 6	Crimp Tool
5A	Male	ASSP-05-M-A-C-6*	(SA) 50pcs / Box (SB) 100pcs / Box (RE) 5A 3,000pcs / Reel 10A 3,000pcs / Reel 20A 2,000pcs / Reel	ASST-C-05-W-A (22 ~ 20AWG 0.34 ~ 0.50mm ²)
	Female	ASSP-05-F-A-C-6*		
10A	Male	ASSP-10-M-A-C-6*		ASST-C-10-W-B (18 ~ 16AWG 1.50 ~ 0.75mm ²)
	Female	ASSP-10-F-A-C-6*		
20A	Male	ASSP-20-M-A-C-6*		ASST-C-20-W-C (14 ~ 12AWG 2.50 ~ 4.00mm ²)
	Female	ASSP-20-F-A-C-6*		

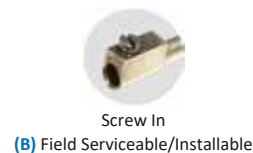
Customization - Upon Request



Panel Cut Out



Assemble Style



No of Contacts	2		3	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	20A		20A	
Plastic / Metal	Plastic		Plastic	
Pin Assignment	MM	MF	MM	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-02PMM-S-LC7001	-	ADC-03PMM-S-LC7001	-
	180° PCB Type	DC-02PMM-P-LC7001	DC-02PMF-P-LC7001	DC-03PMM-P-LC7001	DC-03PMF-P-LC7001

Receptacle, Square Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-02PMM-S-LS7001	-	ADC-03PMM-S-LS7001	-
	180° PCB Type	DC-02PMM-P-LS7001	-	DC-03PMM-P-LS7001	-

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-02RMM-S-LC7001	-	ADC-03RMM-S-LC7001	-
--	-------------	--------------------	---	--------------------	---

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ADC-02BMM-LL7A ⑪ *	ADC-02BMF-LL7A ⑪ *	ADC-03BMM-LL7A ⑪ *	ADC-03BMF-LL7A ⑪ *
--	--------------------	--------------------	--------------------	--------------------	--------------------

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

(Solder) (Crimp, Screw-in)	Solder Type	ADC-02BMM-A-LL7001 *	ADC-02BMF-A-LL7001 *	ADC-03BMM-A-LL7001 *	ADC-03BMF-A-LL7001 *
	Crimp Type	ADC-02BMM-C-LL7 ⑪ P0 *	ADC-02BMF-C-LL7 ⑪ P0 *	ADC-03BMM-C-LL7 ⑪ P0 *	ADC-03BMF-C-LL7 ⑪ P0 *
	Screw In Type	1DC-02BMM-B-LL7 ⑪ PP *	1DC-02BMF-B-LL7 ⑪ PP *	1DC-03BMM-B-LL7 ⑪ PP *	1DC-03BMF-B-LL7 ⑪ PP *

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ADC02ML-ADCML-LA ⑪ *	-	AA-ADC03ML-ADCML-LA ⑪ *	-
	End1: (M) MM End2: (F) FF	AA-ADC02ML-ADCFL-LA ⑪ *	-	AA-ADC03ML-ADCFL-LA ⑪ *	-
	End1: (H) MF End2: (H) MF	-	AA-ADC02HL-ADCHL-LA ⑪ *	-	AA-ADC03HL-ADCHL-LA ⑪ *
	End1: (H) MF End2: (B) FM	-	AA-ADC02HL-ADCBL-LA ⑪ *	-	AA-ADC03HL-ADCBL-LA ⑪ *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

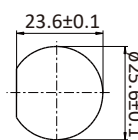
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (F) FF	AA-ADC02ML-ADCFR-LA ⑪ *	-	AA-ADC03ML-ADCFR-LA ⑪ *	-
	End1: (H) MF End2: (B) FM	-	AA-ADC02HL-ADCBR-LA ⑪ *	-	AA-ADC03HL-ADCBR-LA ⑪ *

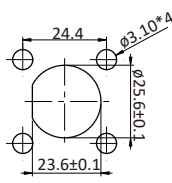
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Panel Cut Out



Circular Flange (D Cut)



Square Flange

Assemble Style

PCB 180°
(P) ReceptacleSolder
(S) Receptacle
(A) Field Serviceable/InstallableCrimp
(C) Field Serviceable/InstallableScrew In
(B) Field Serviceable/Installable

No of Contacts	4		5	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	20A		20A	
Plastic / Metal	Plastic		Plastic	
Pin Assignment	MM	MF	MM	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-04PMM-S-LC7001	-	ADC-05PMM-S-LC7001	-
	180° PCB Type	DC-04PMP-LC7001	1DC-04PMF-LC7001*	DC-05PMP-LC7001	1DC-05PMF-LC7001*

Receptacle, Square Flange, **FRONT** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-04PMM-S-LS7001	-	ADC-05PMM-S-LS7001	-
	180° PCB Type	DC-04PMP-LS7001	-	DC-05PMP-LS7001	-

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-04RMM-S-LC7001	-	ADC-05RMM-S-LC7001	-
	180° PCB Type	DC-04RMP-LC7001	-	DC-05RMP-LC7001	-

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)⑪ Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ADC-04BMMM-LL7A⑪*	ADC-04BMFM-LL7A⑪*	ADC-05BMMM-LL7A⑪*	ADC-05BMFM-LL7A⑪*
	[Hybrid] UL2464, PVC Jacket Male Power+Female Signal	-	-	-	-
	[Hybrid] UL2464, PVC Jacket Female Power+Male Signal	-	-	-	-

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	(Solder)	Solder Type	ADC-04BMM-A-LL7001*	ADC-04BMF-A-LL7001*	ADC-05BMM-A-LL7001*	ADC-05BMF-A-LL7001*
	(Crimp, Screw-in)	Crimp Type	ADC-04BMM-C-LL7⑪PO*	ADC-04BMF-C-LL7⑪PO*	ADC-05BMM-C-LL7⑪PO*	ADC-05BMF-C-LL7⑪PO*
		Screw In Type	1DC-04BMM-B-LL7⑪PP	1DC-04BMF-B-LL7⑪PP*	1DC-05BMM-B-LL7⑪PP	1DC-05BMF-B-LL7⑪PP*

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM







	End1: (M) MM End2: (M) MM	AA-ADC04ML-ADCML-LA⑪*	-	AA-ADC05ML-ADCML-LA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ADC04ML-ADCFL-LA⑪*	-	AA-ADC05ML-ADCFL-LA⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ADC04HL-ADCHL-LA⑪*	-	AA-ADC05HL-ADCHL-LA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ADC04HL-ADCB-LA⑪*	-	AA-ADC05HL-ADCB-LA⑪*

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

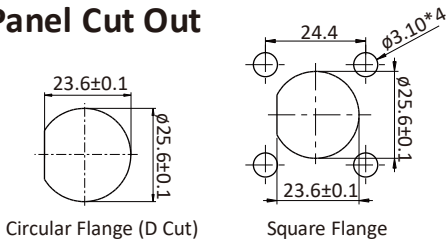
	End1: (M) MM End2: (F) FF	AA-ADC04ML-ADCFR-LA⑪*	-	AA-ADC05ML-ADCFR-LA⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ADC04HL-ADCBR-LA⑪*	-	AA-ADC05HL-ADCBR-LA⑪*

* Upon Request

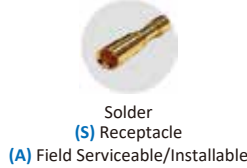
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6		7		18		20	21	22
250 ~ 600V		250 ~ 600V		250 ~ 600V		250 ~ 600V	250 ~ 600V	250 ~ 600V
20A		20A		5A		2A	2A	2A
Plastic		Plastic		Plastic		Plastic	Plastic	Plastic
MM	MF	MM	MF	MM	MF	MM	MM	MM
								
ADC-06PMMMS-LC7001	-	ADC-07PMMMS-LC7001	-	ADD-18PMMMS-LC7001	ADD-18PMFS-LC7001	DU-20PMMMS-LC7001	DU-21PMMMS-LC7001	DU-22PMMMS-LC7001
DC-06PMMMP-LC7001	1DC-06PMFPLC7001*	DC-07PMMMP-LC7001	1DC-07PMFPLC7001*	DD-18PMMMP-LC7001	DD-18PMFPLC7001	DU-20PMMMP-LC7001	DU-21PMMMP-LC7001	DU-22PMMMP-LC7001
ADC-06PMMMS-LS7001	-	ADC-07PMMMS-LS7001	-	ADD-18PMMMS-LS7001	ADD-18PMFS-LS7001	-	-	-
DC-06PMMMP-LS7001	-	DC-07PMMMP-LS7001	-	DD-18PMMMP-LS7001	DD-18PMFPLS7001	-	-	-
ADC-06RMMMS-LC7001	-	ADC-07RMMMS-LC7001	-	ADD-18RMMMS-LC7001	ADD-18RMFS-LC7001	-	-	-
ADC-06BMMM-LL7A(11)*	ADC-06BMFM-LL7A(11)*	ADC-07BMMM-LL7A(11)*	ADC-07BMFM-LL7A(11)*	DD-18BMMM-LL7A(11)	DD-18AMFM-LL7A(11)	ADU-20BMMM-LL7A(11)*	ADU-21BMMM-LL7A(11)*	ADU-22BMMM-LL7A(11)*
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
ADC-06BMMMA-LL7001*	ADC-06BMFA-LL7001*	ADC-07BMMMA-LL7001*	ADC-07BMFA-LL7001*	DD-18BMMMA-LL7001	DD-18BMFA-LL7001	ADU-20BMMMA-LL7001*	ADU-21BMMMA-LL7001*	ADU-22BMMMA-LL7001*
ADC-06BMMCLL7(11)P0*	ADC-06BMFCLL7(11)P0*	ADC-07BMMCLL7(11)P0*	ADC-07BMFCLL7(11)P0*	ADD-18BMMCLL7(11)P0*	ADD-18BMFCLL7(11)P0	ADU-20BMMCLL7(11)P0*	ADU-21BMMCLL7(11)P0*	ADU-22BMMCLL7(11)P0*
1DC-06BMMBL-LL7(11)PP*	1DC-06BMFB-LL7(11)PP*	1DC-07BMMBL-LL7(11)PP*	1DC-07BMFB-LL7(11)PP*	-	-	-	-	-
AA-ADC06ML-ADCML-LA(11)*	-	AA-ADC07ML-ADCML-LA(11)*	-	AA-ADD18ML-ADDML-LA(11)*	-	AA-ADU20ML-ADUML-LA(11)*	AA-ADU21ML-ADUML-LA(11)*	AA-ADU22ML-ADUML-LA(11)*
AA-ADC06ML-ADCFL-LA(11)*	-	AA-ADC07ML-ADCFL-LA(11)*	-	AA-ADD18ML-ADDFL-LA(11)*	-	AA-ADU20ML-ADUFL-LA(11)*	AA-ADU21ML-ADUFL-LA(11)*	AA-ADU22ML-ADUFL-LA(11)*
-	AA-ADC06HL-ADCHL-LA(11)*	-	AA-ADC07HL-ADCHL-LA(11)*	-	AA-ADD18HL-ADDHL-LA(11)*	-	-	-
-	AA-ADC06HL-ADCBLLA(11)*	-	AA-ADC07HL-ADCBLLA(11)*	-	AA-ADD18HL-ADDBLLA(11)*	-	-	-
AA-ADC06ML-ADCFL-LA(11)*	-	AA-ADC07ML-ADCFL-LA(11)*	-	AA-ADD18ML-ADDFR-LA(11)*	-	AA-ADU20ML-ADUFR-LA(11)*	AA-ADU21ML-ADUFR-LA(11)*	AA-ADU22ML-ADUFR-LA(11)*
-	AA-ADC06HL-ADCBRLA(11)*	-	AA-ADC07HL-ADCBRLA(11)*	-	AA-ADD18HL-ADDBRLA(11)*	-	-	-

Panel Cut Out





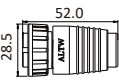
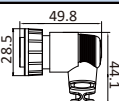
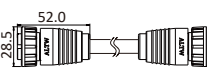
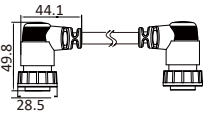
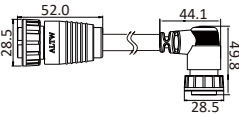
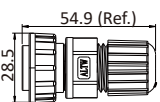
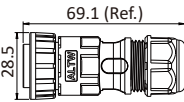
Assemble Style



No of Contacts		8	10	12
Rated Voltage (AC/DC)		250 ~ 600V	250 ~ 600V	250 ~ 600V
Nominal Current		20A+2A	10A	20A+5A
Plastic / Metal		Plastic	Plastic	Plastic
Pin Assignment				
MM : Male Connector Male Contact FF : Female Connector Female Contact (D) Female Power+Male Signal (E) Male Power+Female Signal				
Receptacle, Circular Flange, FRONT Fastened Nut, IP67 (Unmated) Nut Torque Value: 11.5 ~ 14 kgf.cm Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm				
	[Hybrid] Solder Type Male Power+Female Signal	DCU-08PMES-LC7001	-	DCD-12PMES-LC7001
	[Hybrid] Solder Type Female Power+Male Signal	DCU-08PMDs-LC7001	-	DCD-12PMDs-LC7001
	[Hybrid] 180° PCB Type Female Power+Male Signal	-	-	DCD-12PMDP-LC7001
STRAIGHT , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated) 11 Cable Length: (01) 1M ~ (99) 99M ¹⁾				
	UL2464, PVC Jacket	-	DB-10AMMM-LL7A 11	-
	[Hybrid] UL2464, PVC Jacket Male Power+Female Signal	DCU-08AMEM-LL7B 11	-	DCD-12AMEM-LL7A 11
	[Hybrid] UL2464, PVC Jacket Female Power+Male Signal	DCU-08AMDM-LL7B 11	-	DCD-12BMDM-LL7A 11
STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated) 11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF				
	End1: (M) MM End2: (M) MM	-	AA-ADB10ML-ADBML-LA 11 *	-
	End1: (M) MM End2: (F) FF	-	AA-ADB10ML-ADBFL-LA 11 *	-
	[Hybrid] End 1: (V) Male Conn Male Power Female Signal Contact End 2: (V) Male Conn Male Power Female Signal Contact	AA-ADCU08VL-ADCUVL-LA 11 *	-	AA-ADCD12VL-ADCDVL-TA 11 *
	[Hybrid] End 1: (V) Male Conn Male Power Female Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ADCU08VL-ADCUWL-LA 11 *	-	AA-ADCD12VL-ADCDWL-TA 11 *
	[Hybrid] End 1: (U) Male Conn Female Power Male Signal Contact End 2: (U) Male Conn Female Power Male Signal Contact	AA-ADCU08UL-ADCUUL-LA 11 *	-	AA-ADCD12UL-ADCDUL-LA 11 *
	[Hybrid] End 1: (U) Male Conn Female Power Male Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ADCU08UL-ADCUXL-LA 11 *	-	AA-ADCD12UL-ADCDXL-LA 11 *
STRAIGHT-TO-RIGHT ANGLE , Overmolded Double-Ended Cable Assembly, IP67 (Mated) 11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF				
	End1: (M) MM End2: (F) FF	-	AA-ADB10ML-ADBFR-LA 11 *	-
	[Hybrid] End 1: (V) Male Conn Male Power Female Signal Contact End 2: (V) Female Conn Female Power Male Signal Contact	AA-ADCU08VL-ADCUWR-LA 11 *	-	AA-ADCD12VL-ADCDWR-TA 11 *
	[Hybrid] End 1: (U) Male Conn Female Power Male Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ADCU08UL-ADCUXR-LA 11 *	-	AA-ADCD12UL-ADCDXR-LA 11 *
Field Serviceable/Installable, STRAIGHT , Without Strain Relief, IP67 (Mated) Sealing Nut Torque Value: 8 ~ 15 kgf.cm 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm				
NEW (Solder) (Crimp) 	Solder Type	-	ADB-10BMMMA-LL7001 *	-
	[Hybrid] Solder Type Male Power+Female Signal	DCU-08BMEA-LL7001	-	DCD-12BMEA-LL7001
	[Hybrid] Solder Type Female Power+Male Signal	DCU-08BMDA-LL7001	-	DCD-12BMDA-LL7001
	Crimp Type	-	ADB-10BMMMC-LL7 11 P0 *	-
	[Hybrid] Crimp Type Female Power+Male Signal	ADCU-08BMDC-LL7 11 P0 *	-	ADCD-12BMDC-LL7 11 P0 *
	[Hybrid] Crimp Type Male Power+Female Signal	ADCU-08BMEC-LL7 11 P0 *	-	ADCD-12BMEC-LL7 11 P0

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

No of Contacts		2		3	
Rated Voltage (AC/DC)		250 ~ 600V		250 ~ 600V	
Nominal Current		20A		20A	
Plastic / Metal		Plastic		Plastic	
Pin Assignment		FF	FM	FF	FM
FF: Female Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-02A FF M-LL7A ⑪	ADC-02B FM M-LL7A ⑪*	ADC-03A FF M-LL7A ⑪	ADC-03B FM M-LL7A ⑪*
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-02B FF M-LR7A ⑪*	ADC-02B FM M-LR7A ⑪*	ADC-03B FF M-LR7A ⑪*	ADC-03B FM M-LR7A ⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC02FL-ADCFL-LA ⑪*	-	AA-ADC03FL-ADCFL-LA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC02BL-ADCBL-LA ⑪*	-	AA-ADC03BL-ADCBL-LA ⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC02FR-ADCFR-LA ⑪*	-	AA-ADC03FR-ADCFR-LA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC02BR-ADCBR-LA ⑪*	-	AA-ADC03BR-ADCBR-LA ⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC02FL-ADCFR-LA ⑪*	-	AA-ADC03FL-ADCFR-LA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC02BL-ADCBR-LA ⑪*	-	AA-ADC03BL-ADCBR-LA ⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
 	Solder Type	DC-02B FF A-LL7001	ADC-02B FM A-LL7001*	DC-03B FF A-LL7001	ADC-03B FM A-LL7001*
	Crimp Type	NEW ADC-02B FF C-LL7 ⑪P0*	ADC-02B FM C-LL7 ⑪P0*	ADC-03B FF C-LL7 ⑪P0*	ADC-03B FM C-LL7 ⑪P0*
	Screw In Type	NEW 1DC-02B FF B-LL7 ⑪PP	1DC-02B FM B-LL7001*	1DC-03B FF B-LL7 ⑪PP	1DC-03B FM B-LL7001*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Assemble Style



Solder



Crimp









Screw In

(A) Field Serviceable/Installable (C) Field Serviceable/Installable (B) Field Serviceable/Installable

No of Contacts		4		5	
Rated Voltage (AC/DC)		250 ~ 600V		250 ~ 600V	
Nominal Current		20A		20A	
Plastic / Metal		Plastic		Plastic	
Pin Assignment		FF	FM	FF	FM
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-04A FF M-LL7A⑪	ADC-04B F M-M-LL7A⑪*	ADC-05A FF M-LL7A⑪	ADC-05B F M-M-LL7A⑪*
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-04B FF M-LR7A⑪*	ADC-04B F M-M-LR7A⑪*	ADC-05B FF M-LR7A⑪*	ADC-05B F M-M-LR7A⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC04 FL -ADC FL -LA⑪*	-	AA-ADC05 FL -ADC FL -LA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC04 BL -ADC BL -LA⑪*	-	AA-ADC05 BL -ADC BL -LA⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC04 FR -ADC FR -LA⑪*	-	AA-ADC05 FR -ADC FR -LA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC04 BR -ADC BR -LA⑪*	-	AA-ADC05 BR -ADC BR -LA⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC04 FL -ADC FR -LA⑪*	-	AA-ADC05 FL -ADC FR -LA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC04 BL -ADC BR -LA⑪*	-	AA-ADC05 BL -ADC BR -LA⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
<div>(Solder)</div> <div>(Screw-in, Crimp)</div>	Solder Type	DC-04B FF A-LL7001	ADC-04B F MA-LL7001*	DC-05B FF A-LL7001	ADC-05B F MA-LL7001*
	Crimp Type	NEW ADC-04B FF C-LL7⑪P0*	ADC-04B F MC-LL7⑪P0*	ADC-05B FF C-LL7⑪P0*	ADC-05B F MC-LL7⑪P0*
	Screw In Type	NEW 1DC-04B FF B-LL7⑪PP	1DC-04B F MB-LL7001*	1DC-05B FF B-LL7⑪PP	1DC-05B F MB-LL7001*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6		7		18		20	21	22
250 ~ 600V		250 ~ 600V		250 ~ 600V		250 ~ 600V	250 ~ 600V	250 ~ 600V
20A		20A		5A		2A	2A	2A
Plastic		Plastic		Plastic		Plastic	Plastic	Plastic
FF	FM	FF	FM	FF	FM	FF	FF	FF
								
ADC-06A FFM -LL7A⑪		ADC-06B FMM -LL7A⑪*		ADC-07A FFM -LL7A⑪		ADC-07B FMM -LL7A⑪*		ADD-18A FFM -LL7A⑪
ADC-06B FFM -LR7A⑪*		ADC-06B FMM -LR7A⑪*		ADC-07B FFM -LR7A⑪*		ADC-07B FMM -LR7A⑪*		DD-18A FFM -LR7A⑪
ADC-06B FFM -LR7A⑪*		ADC-06B FMM -LR7A⑪*		ADC-07B FFM -LR7A⑪*		ADC-07B FMM -LR7A⑪*		DD-18A FFM -LR7A⑪
AA-ADC06FL-ADCFL-LA⑪*		AA-ADC07FL-ADCFL-LA⑪*		AA-ADD18FL-ADDFL-LA⑪*		AA-ADU20FL-ADUFL-LA⑪*		AA-ADU21FL-ADUFL-LA⑪*
AA-ADC06BL-ADCBL-LA⑪*		AA-ADC07BL-ADCBL-LA⑪*		AA-ADD18BL-ADDBL-LA⑪*		AA-ADU20BL-ADUBL-LA⑪*		AA-ADU21BL-ADUBL-LA⑪*
AA-ADC06FR-ADCFR-LA⑪*		AA-ADC07FR-ADCFR-LA⑪*		AA-ADD18FR-ADDFR-LA⑪*		AA-ADU20FR-ADUFR-LA⑪*		AA-ADU21FR-ADUFR-LA⑪*
AA-ADC06BR-ADCBR-LA⑪*		AA-ADC07BR-ADCBR-LA⑪*		AA-ADD18BR-ADDBR-LA⑪*		AA-ADU20BR-ADUBR-LA⑪*		AA-ADU21BR-ADUBR-LA⑪*
AA-ADC06FL-ADCFR-LA⑪*		AA-ADC07FL-ADCFR-LA⑪*		AA-ADD18FL-ADDFR-LA⑪*		AA-ADU20FL-ADUFR-LA⑪*		AA-ADU21FL-ADUFR-LA⑪*
AA-ADC06BL-ADCBR-LA⑪*		AA-ADC07BL-ADCBR-LA⑪*		AA-ADD18BL-ADDBR-LA⑪*		AA-ADU20BL-ADUBL-LA⑪*		AA-ADU21BL-ADUBL-LA⑪*
DC-06B FFA -LL7001		ADC-06B FMA -LL7001*		DC-07B FFA -LL7001		ADC-07B FMA -LL7001*		DD-18B FFA -LL7001
ADC-06B FFC -LL7⑪P0*		ADC-06B FMC -LL7⑪P0*		ADC-07B FFC -LL7⑪P0		ADC-07B FMC -LL7⑪P0		DD-18B FFC -LL7⑪P0
1DC-06B FFB -LL7⑪PP		1DC-06B FMB -LL7001*		1DC-07B FFB -LL7⑪PP*		1DC-07B FMB -LL7001*		DD-18B FFB -LL7001

Assemble Style



Solder



Crimp



Screw In

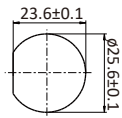
(A) Field Serviceable/Installable (C) Field Serviceable/Installable (B) Field Serviceable/Installable

No of Contacts		8	10	12
Rated Voltage (AC/DC)		250 ~ 600V	250 ~ 600V	250 ~ 600V
Nominal Current		20A+2A	10A	20A+5A
Plastic / Metal		Plastic	Plastic	Plastic
Pin Assignment				
FF: Female Connector Female Contact				
(D) Female Power+Male Signal				
(E) Male Power+Female Signal				
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)				
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾				
	UL2464, PVC Jacket	-	DB-10AFFM-LL7A⑪	-
	UL2464, PVC Jacket Male Power+Female Signal	ADCU-08BFEM-LL7B⑪*	-	DCD-12AFEM-LL7A⑪
	UL2464, PVC Jacket Female Power+Male Signal	DCU-08BFDM-LL7B⑪	-	DCD-12BFDM-LL7A⑪
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)				
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾				
	UL2464, PVC Jacket	-	ADB-10BFFM-LR7A⑪*	-
	UL2464, PVC Jacket Male Power+Female Signal	DCU-08AFEM-LL7B⑪	-	DCD-12AFEM-LR7A⑪
	UL2464, PVC Jacket Female Power+Male Signal	DCU-08AFDM-LR7B⑪	-	DCD-12AFDM-LR7A⑪
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)				
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF				
	End1: (F) FF End2: (F) FF	-	AA-ADB10FL-ADBFL-LA⑪*	-
	End 1: (X) Female Conn Male Power Female Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ADCU08GL-ADCUGL-LA⑪*	-	AA-ADCD12GL-ADCDGL-LA⑪*
	End 1: (W) Female Conn Female Power Male Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ADCU08AL-ADCUAL-LA⑪*	-	AA-ADCD12AL-ADCDAL-LA⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)				
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF				
	End1: (F) FF End2: (F) FF	-	AA-ADB10FR-ADBFR-LA⑪*	-
	End 1: (X) Female Conn Male Power Female Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ADCU08XR-ADCUXR-LA⑪*	-	AA-ADCD12XR-ADCDXR-LA⑪*
	End 1: (W) Female Conn Female Power Male Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ADCU08WR-ADCUWR-LA⑪*	-	AA-ADCD12WR-ADCDWR-LA⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)				
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF				
	End1: (F) FF End2: (F) FF	-	AA-ADB10FL-ADBFR-LA⑪*	-
	End 1: (W) Female Conn Female Power Male Signal Contact End 2: (W) Female Conn Female Power Male Signal Contact	AA-ADCU08WL-ADCUWR-LA⑪*	-	AA-ADCD12WL-ADCDWR-LA⑪*
	End 1: (X) Female Conn Male Power Female Signal Contact End 2: (X) Female Conn Male Power Female Signal Contact	AA-ADCU08XL-ADCUXR-LA⑪*	-	AA-ADCD12XL-ADCDXR-LA⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)				
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm				
	Solder Type	-	ADB-10BFFA-LL7001*	-
	Solder Female Power+Male Signal	DCU-08BFDA-LL7001	-	DCD-12BFDA-LL7001
	[Hybrid] Solder Type Male Power+Female Signal	DCU-08BFEA-LL7001	-	DCD-12BFEA-LL7001
	Crimp Type	NEW	ADB-10BFFC-LL7⑪PO*	-
	Crimp Type Male Power+Female Signal	ADCU-08BFEC-LL7⑪PO*	-	ADCD-12BFEC-LL7⑪PO*
	Crimp Type Female Power+Male Signal	ADCU-08BFDC-LL7⑪PO*	-	ADCD-12BFDC-LL7⑪PO

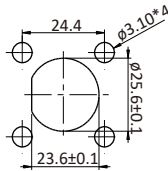
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Panel Cut Out



Circular Flange (D Cut)



Square Flange



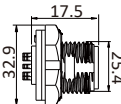
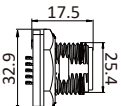
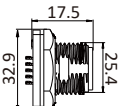
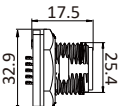
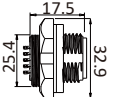
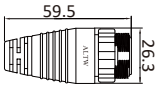

Assemble Style


PCB 180°
(P) Receptacle

Solder
(S) Receptacle

Crimp
(C) Field Serviceable/Installable

Screw In
(B) Field Serviceable/Installable

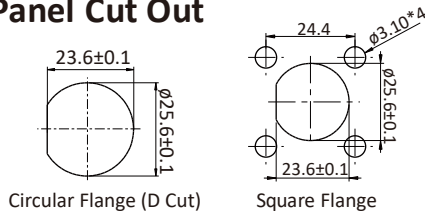
No of Contacts		2			
Rated Voltage (AC/DC)		250 ~ 600V			
Nominal Current		20A			
Plastic / Metal		Plastic		Metal	
Pin Assignment		MM	MF	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact					
Receptacle, Circular Flange, FRONT Fastened Nut, IP67/IP68 (Unmated)					
Nut Torque Value: 11.5 ~ 14 kgf.cm Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm					
	Solder Type	ADC-02PMMMS-SC7001	-	-	-
	Plastic: IP67 (Unmated) Metal: IP68 (Unmated)				
	180° PCB Type	DC-02PMMMP-SC7001	DC-02PMFPP-SC7001	-	-
	Plastic: IP67 (Unmated) Metal: IP68 (Unmated)				
Receptacle, Square Flange, FRONT Fastened Nut, IP67/IP68 (Unmated)					
Nut Torque Value: 11.5 ~ 14 kgf.cm Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm					
	Solder Type	ADC-02PMMMS-SS7001	-	ADSC-02PMMMS-SS8001*	ADSC-02PMFMS-SS8001*
	Plastic: IP67 (Unmated) Metal: IP68 (Unmated)				
	180° PCB Type	DC-02PMMMP-SS7001	-	1DSC-02PMMMP-SS8001*	1DSC-02PMFPP-SS8001*
	Plastic: IP67 (Unmated) Metal: IP68 (Unmated)				
Receptacle, Circular Flange, REAR Fastened Nut, IP67 (Unmated)					
Nut Torque Value: 11.5 ~ 14 kgf.cm Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm					
	Solder Type	ADC-02RMMMS-SC7001	-	-	-
STRAIGHT , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-02BMMM-SL7A⑪*	ADC-02BMFM-SL7A⑪*	ADSC-02BMMM-SL7A⑪*	ADSC-02BMFM-SL7A⑪*
Field Serviceable/Installable, STRAIGHT , Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	NEW (Solder) (Crimp, Screw-in)	Solder Type	ADC-02BMMMA-SL7001*	ADC-02BMFA-SL7001*	-
		Crimp Type	ADC-02BMMMC-SL7⑪P0*	ADC-02BMFC-SL7⑪P0*	-
		Screw In Type	1DC-02BMMB-SL7⑪PP	1DC-02BMFB-SL7⑪P0*	-

STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated) ⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM					
	End1: (M) MM End2: (M) MM	AA-ADC02ML-ADCML-SA⑪*	-	AA-ADSC02ML-ADSCML-SA⑪*	-
	End1: (M) MM End2: (F) FF	AA-ADC02ML-ADCFL-SA⑪*	-	AA-ADSC02ML-ADSCFL-SA⑪*	-
	End1: (H) MF End2: (H) MF	-	AA-ADC02HL-ADCHL-SA⑪*	-	AA-ADSC02HL-ADSCHL-SA⑪*
	End1: (H) MF End2: (B) FM	-	AA-ADC02HL-ADCBL-SA⑪*	-	AA-ADSC02HL-ADSCBL-SA⑪*
STRAIGHT-TO-RIGHT ANGLE , Overmolded Double-Ended Cable Assembly, IP67 (Mated) ⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM					
	End1: (M) MM End2: (F) FF	AA-ADC02ML-ADCFR-SA⑪*	-	AA-ADSC02ML-ADSCFR-SA⑪*	-
	End1: (H) MF End2: (B) FM	-	AA-ADC02HL-ADCBR-SA⑪*	-	AA-ADSC02HL-ADSCBR-SA⑪*

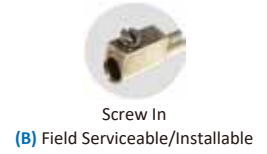
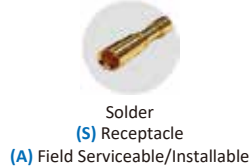
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Panel Cut Out



Assemble Style



No of Contacts	3			
Rated Voltage (AC/DC)	250 ~ 600V			
Nominal Current	20A			
Plastic / Metal	Plastic		Metal	
Pin Assignment	MM	MF	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67/IP68 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-03PMMMS-SC7001	-	-	-
	Plastic: IP67 (Unmated) Metal: IP68 (Unmated)				
	180° PCB Type	DC-03PMMMP-SC7001	DC-03PMFPP-SC7001	-	-
	Plastic: IP67 (Unmated) Metal: IP68 (Unmated)				

Receptacle, Square Flange, **FRONT** Fastened Nut, IP67/IP68 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-03PMMMS-SS7001	-	ADSC-03PMMMS-SS8001*	ADSC-03PMFMS-SS8001*
	Plastic: IP67 (Unmated) Metal: IP68 (Unmated)				
	180° PCB Type	DC-03PMMMP-SS7001	-	1DSC-03PMMMP-SS8001*	1DSC-03PMFPP-SS8001*
	Plastic: IP67 (Unmated) Metal: IP68 (Unmated)				

Receptacle, Circular Flange, **REAR** Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-03RMMMS-SC7001	-	-	-
--	-------------	--------------------	---	---	---

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

① Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ADC-03BMMM-SL7A①*	ADC-03BMFM-SL7A①*	ADSC-03BMMM-SL7A①*	ADSC-03BMFM-SL7A①*
--	--------------------	-------------------	-------------------	--------------------	--------------------

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ① Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	(Solder)	Solder Type	ADC-03BMMMA-SL7001*	ADC-03BMFA-SL7001*	-	-
	(Crimp, Screw-in)	Crimp Type	ADC-03BMMMC-SL7①P0*	ADC-03BMFC-SL7①P0*	-	-
		Screw In Type	1DC-03BMMMB-SL7①PP	1DC-03BMFB-SL7①P0*	-	-

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

① Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ADC03ML-ADCML-SA①*	-	AA-ADSC03ML-ADSCML-SA①*	-
	End1: (M) MM End2: (F) FF	AA-ADC03ML-ADCFL-SA①*	-	AA-ADSC03ML-ADSCFL-SA①*	-
	End1: (H) MF End2: (H) MF	-	AA-ADC03HL-ADCHL-SA①*	-	AA-ADSC03HL-ADSCHL-SA①*
	End1: (H) MF End2: (B) FM	-	AA-ADC03HL-ADCBL-SA①*	-	AA-ADSC03HL-ADSCBL-SA①*





STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

① Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

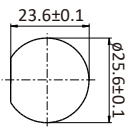
	End1: (M) MM End2: (F) FF	AA-ADC03ML-ADCFR-SA①*	-	AA-ADSC03ML-ADSCFR-SA①*	-
	End1: (H) MF End2: (B) FM	-	AA-ADC03HL-ADCBR-SA①*	-	AA-ADSC03HL-ADSCBR-SA①*

* Upon Request

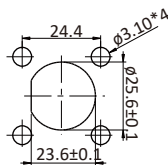
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4				5			
250 ~ 600V				250 ~ 600V			
20A				20A			
Plastic		Metal		Plastic		Metal	
MM	MF	MM	MF	MM	MF	MM	MF
							
ADC-04PMMS-SC7001	-	-	-	ADC-05PMMS-SC7001	-	-	-
DC-04PMMP-SC7001	1DC-04PMFP-SC7001*	-	-	DC-05PMMP-SC7001	1DC-05PMFP-SC7001*	-	-
ADC-04PMMS-SS7001	-	ADSC-04PMMS-SS8001*	ADSC-04PMFS-SS8001*	ADC-05PMMS-SS7001	-	ADSC-05PMMS-SS8001*	ADSC-05PMFS-SS8001*
DC-04PMMP-SS7001	-	1DSC-04PMMP-SS8001*	1DSC-04PMFP-SS8001*	DC-05PMMP-SS7001	-	1DSC-05PMMP-SS8001*	1DSC-05PMFP-SS8001*
ADC-04RMMMS-SC7001	-	-	-	ADC-05RMMMS-SC7001	-	-	-
ADC-04BMMM-SL7A 11*	ADC-04BMFM-SL7A 11*	ADSC-04BMMM-SL7A 11*	ADSC-04BMFM-SL7A 11*	ADC-05BMMM-SL7A 11*	ADC-05BMFM-SL7A 11*	ADSC-05BMMM-SL7A 11*	ADSC-05BMFM-SL7A 11*
ADC-04BMMA-SL7001*	ADC-04BMFA-SL7001*	-	-	ADC-05BMMA-SL7001*	ADC-05BMFA-SL7001*	-	-
ADC-04BMMC-SL7 11P0*	ADC-04BMFC-SL7 11P0*	-	-	ADC-05BMMC-SL7 11P0*	ADC-05BMFC-SL7 11P0*	-	-
1DC-04BMMB-SL7 11PP	1DC-04BMFB-SL7 11P0*	-	-	1DC-05BMMB-SL7 11PP	1DC-05BMFB-SL7 11P0*	-	-
AA-ADC04ML-ADCML-SA 11*	-	AA-ADSC04ML-ADSCML-SA 11*	-	AA-ADSC05ML-ADSCML-SA 11*	-	AA-ADSC05ML-ADSCML-SA 11*	-
AA-ADC04ML-ADCFL-SA 11*	-	AA-ADSC04ML-ADSCML-SA 11*	-	AA-ADC05ML-ADCFL-SA 11*	-	AA-ADSC05ML-ADSCFL-SA 11*	-
-	AA-ADC04HL-ADCHL-SA 11*	-	AA-ADSC04HL-ADSCHL-SA 11*	-	AA-ADC05HL-ADCHL-SA 11*	-	AA-ADSC05HL-ADSCHL-SA 11*
-	AA-ADC04HL-ADCBL-SA 11*	-	AA-ADSC04HL-ADSCBL-SA 11*	-	AA-ADC05HL-ADCBL-SA 11*	-	AA-ADSC05HL-ADSCBL-SA 11*
AA-ADC04ML-ADCFR-SA 11*	-	AA-ADSC04ML-ADSCFR-SA 11*	-	AA-ADC05ML-ADCFR-SA 11*	-	AA-ADSC05ML-ADSCFR-SA 11*	-
-	AA-ADC04HL-ADCBR-SA 11*	-	AA-ADSC04HL-ADSCBR-SA 11*	-	AA-ADC05HL-ADCBR-SA 11*	-	AA-ADSC05HL-ADSCBR-SA 11*

Panel Cut Out



Circular Flange (D Cut)



Square Flange

Assemble Style


PCB 180°
(P) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

Screw In
(B) Field Serviceable/Installable

No of Contacts	6			
Rated Voltage (AC/DC)	250 ~ 600V			
Nominal Current	20A			
Plastic / Metal	Plastic		Metal	
Pin Assignment	MM	MF	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact MF : Male Connector Female Contact FM : Female Connector Male Contact				

Receptacle, Circular Flange, FRONT Fastened Nut, IP67/IP68 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type Plastic: IP67 (Unmated) Metal: IP68 (Unmated)	ADC-06PMMMS-SC7001	-	-	-
	180° PCB Type Plastic: IP67 (Unmated) Metal: IP68 (Unmated)	DC-06PMMMP-SC7001	1DC-06PMFPP-SC7001*	-	-

Receptacle, Square Flange, FRONT Fastened Nut, IP67/IP68 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type Plastic: IP67 (Unmated) Metal: IP68 (Unmated)	ADC-06PMMMS-SS7001	-	ADSC-06PMMMS-SS8001*	ADSC-06PMFSS-SS8001*
	180° PCB Type Plastic: IP67 (Unmated) Metal: IP68 (Unmated)	DC-06PMMMP-SS7001	-	1DSC-06PMMMP-SS8001*	1DSC-06PMFPP-SS8001*

Receptacle, Circular Flange, REAR Fastened Nut, IP67 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type	ADC-06RMMMS-SC7001	-	-	-
--	-------------	--------------------	---	---	---

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

① Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ADC-06BMMM-SL7A①*	ADC-06BMFMS-SL7A①*	ADSC-06BMMM-SL7A①*	ADSC-06BMFMS-SL7A①*
--	--------------------	-------------------	--------------------	--------------------	---------------------

Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | ① Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

<div> <div>(Solder)</div> </div> <div> <div>(Crimp, Screw-in)</div> </div>	Solder Type	ADC-06BMMMA-SL7001*	ADC-06BMFA-SL7001*	-	-
	Crimp Type	ADC-06BMMMC-SL7①P0*	ADC-06BMFC-SL7①P0*	-	-
	Screw In Type	1DC-06BMMMB-SL7①PP*	1DC-06BMFB-SL7①P0*	-	-

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

① Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

	End1: (M) MM End2: (M) MM	AA-ADC06ML-ADCML-SA①*	-	AA-ADSC06ML-ADSCML-SA①*	-
	End1: (M) MM End2: (F) FF	AA-ADC06ML-ADCFL-SA①*	-	AA-ADSC06ML-ADSCFL-SA①*	-
	End1: (H) MF End2: (H) MF	-	AA-ADC06HL-ADCHL-SA①*	-	AA-ADSC06HL-ADSCHL-SA①*
	End1: (H) MF End2: (B) FM	-	AA-ADC06HL-ADCBL-SA①*	-	AA-ADSC06HL-ADSCBL-SA①*

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

① Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (H) MF, (B) FM

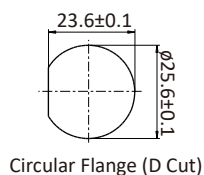
	End1: (M) MM End2: (F) FF	AA-ADC06ML-ADCFR-SA①*	-	AA-ADSC06ML-ADSCFR-SA①*	-
	End1: (H) MF End2: (B) FM	-	AA-ADC06HL-ADCBR-SA①*	-	AA-ADSC06HL-ADSCBR-SA①*

* Upon Request

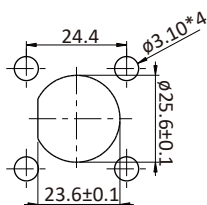
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

7				10		18			
250 ~ 600V				250 ~ 600V		250 ~ 600V			
20A				10A		5A			
Plastic		Metal		Metal		Plastic		Metal	
MM	MF	MM	MF	MM		MM	MF	MM	MF
ADC-07PMMMS-SC7001	-	-	-	ADSB-10PMMMS-SS8001*	ADD-18PMMMS-SC7001	ADD-18PMFMS-SC7001	-	-	-
DC-07PMMMP-SC7001	1DC-07PMFMP-SC7001*	-	-	1DSB-10PMMMP-SS8001*	DD-18PMMMP-SC7001	DD-18PMFMP-SC7001	-	-	-
ADC-07PMMMS-SS7001	-	ADSC-07PMMMS-SS8001*	ADSC-07PMFMS-SS8001*	-	ADD-18PMMMS-SS7001	ADD-18PMFMS-SS7001	ADSD-18PMMMS-SS8001*	DSD-18PMFMS-SS8001	-
DC-07PMMMP-SS7001	-	1DSC-07PMMMP-SS8001*	1DSC-07PMFMP-SS8001*	-	-	DD-18PMFMP-SS7001	1DSD-18PMMMP-SS8001*	DSD-18PMFMP-SS8001	-
ADC-07RMMMS-SC7001	-	-	-	-	ADD-18RMMMS-SC7001	ADD-18RMFMS-SC7001	-	-	-
ADC-07BMMM-SL7A 11*	ADC-07BMFM-SL7A 11*	ADSC-07BMMM-SL7A 11*	ADSC-07BMFM-SL7A 11*	ADSB-10BMMM-SL7A 11*	ADD-18BMMM-SL7A 11*	ADD-18BMFM-SL7A 11*	ADSD-18BMMM-SL7A 11*	ADSD-18BMFM-SL7A 11*	-
ADC-07BMMMA-SL7001*	ADC-07BMFA-SL7001*	-	-	-	ADD-18BMMMA-SL7001*	ADD-18BMFA-SL7001*	-	-	-
ADC-07BMMMC-SL7 11 P0*	ADC-07BMFC-SL7 11 P0*	-	-	-	ADD-18BMMMC-SL7 11 P0*	ADD-18BMFC-SL7 11 P0*	-	-	-
1DC-07BMMMB-SL7 11 PP*	1DC-07BMFB-SL7 11 P0*	-	-	-	-	-	-	-	-
AA-ADC07ML-ADCML-SA 11*	-	AA-ADSC07ML-ADSCML-SA 11*	-	AA-ADSB10ML-ADSBML-SA 11*	AA-ADD18ML-ADDML-SA 11*	-	AA-ADSD18ML-ADSDML-SA 11*	-	-
AA-ADC07ML-ADCFL-SA 11*	-	AA-ADSC07ML-ADSCFL-SA 11*	-	AA-ADSB10ML-ADSBFL-SA 11*	AA-ADD18ML-ADDFL-SA 11*	-	AA-ADSD18ML-ADSDFL-SA 11*	-	-
-	AA-ADC07HL-ADCHL-SA 11*	-	AA-ADSC07HL-ADSCHL-SA 11*	-	-	AA-ADD18HL-ADDHL-SA 11*	-	AA-ADSD18HL-ADSDHL-SA 11*	-
-	AA-ADC07HL-ADCBL-SA 11*	-	AA-ADSC07HL-ADSCBL-SA 11*	-	-	AA-ADD18HL-ADDBL-SA 11*	-	AA-ADSD18HL-ADSDBL-SA 11*	-
AA-ADC07ML-ADCFR-SA 11*	-	AA-ADSC07ML-ADSCFR-SA 11*	-	AA-ADSB10ML-ADSBFR-SA 11*	AA-ADD18ML-ADDFR-SA 11*	-	AA-ADSD18ML-ADSDFR-SA 11*	-	-
-	AA-ADC07HL-ADCBR-SA 11*	-	AA-ADSC07HL-ADSCBR-SA 11*	-	-	AA-ADD18HL-ADDBR-SA 11*	-	AA-ADSD18HL-ADSDBR-SA 11*	-

Panel Cut Out



Circular Flange (D Cut)



Square Flange

Assemble Style


PCB 180°
(P) Receptacle

Solder
(S) Receptacle
(A) Field Serviceable/Installable

Crimp
(C) Field Serviceable/Installable

No of Contacts	20		21	
Rated Voltage (AC/DC)	250 ~ 600V		250 ~ 600V	
Nominal Current	2A		2A	
Plastic / Metal	Plastic	Metal	Plastic	Metal
Pin Assignment	MM		MM	
MM : Male Connector Male Contact FF : Female Connector Female Contact				

Receptacle, Circular Flange, **FRONT** Fastened Nut, IP67/IP68 (Unmated)

Nut Torque Value: 11.5 ~ 14 kgf.cm | Recommended Panel Thickness: min. 1.8mm ~ max 4.0mm

	Solder Type Plastic: IP67 (Unmated) Metal: IP68 (Unmated)	DU-20PMM S-SC7001	ADSU-20PMM S-SS8001 *	DU-21PMM S-SC7001	ADSU-21PMM S-SS8001 *
	180° PCB Type Plastic: IP67 (Unmated) Metal: IP68 (Unmated)	DU-20PMM P-SC7001	1DSU-20PMM P-SS8001 *	DU-21PMM P-SC7001	1DSU-21PMM P-SS8001 *

STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)

11 Cable Length: (01) 1M ~ (99) 99M¹⁾

	UL2464, PVC Jacket	ADU-20BMMM-SL7A 11 *	ADSU-20BMMM-SL7A 11 *	ADU-21BMMM-SL7A 11 *	ADSU-21BMMM-SL7A 11 *
--	--------------------	----------------------	-----------------------	----------------------	-----------------------

Field Serviceable/Installable, **STRAIGHT**, Without Strain Relief, IP67 (Mated)

Sealing Nut Torque Value: 8 ~ 15 kgf.cm | 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm

	NEW Solder Type	ADU-20BMM A-SL7001 *	-	ADU-21BMM A-SL7001 *	-
	Crimp Type	ADU-20BMM C-SL7 11 P0 *	-	ADU-21BMM C-SL7 11 P0 *	-

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	End1: (M) MM End2: (M) MM	AA-ADU20ML-ADUML-SA 11 *	AA-ADSU20ML-ADSUML-SA 11 *	AA-ADU21ML-ADUML-SA 11 *	AA-ADSU21ML-ADSUML-SA 11 *
	End1: (M) MM End2: (F) FF	AA-ADU20ML-ADUFL-SA 11 *	AA-ADSU20ML-ADSUFL-SA 11 *	AA-ADU21ML-ADUFL-SA 11 *	AA-ADSU21ML-ADSUFL-SA 11 *


STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)

11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	End1: (M) MM End2: (F) FF	AA-ADU20ML-ADUFR-SA 11 *	AA-ADSU20ML-ADSUFR-SA 11 *	AA-ADU21ML-ADUFR-SA 11 *	AA-ADSU21ML-ADSUFR-SA 11 *
--	-----------------------------	--------------------------	----------------------------	--------------------------	----------------------------

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

22	
250 ~ 600V	
2A	
Plastic	Metal
MM	
	
DU-22P MM S-SC7001	ADSU-22P MM S-SS8001 *
DU-22P MM P-SC7001	1DSU-22P MM P-SS8001 *
ADU-22B MM M-SL7A 11 *	ADSU-22B MM M-SL7A 11 *
ADU-22B MM A-SL7001 *	-
ADU-22B MM C-SL7 11 P0 *	-

AA-ADU22 ML -ADU ML -SA 11 *	AA-ADSU22 ML -ADSU ML -SA 11 *
AA-ADU22 ML -ADU FL -SA 11 *	AA-ADSU22 ML -ADSU FL -SA 11 *
AA-ADU22 ML -ADU FR -SA 11 *	AA-ADSU22 ML -ADSU FR -SA 11 *

Assemble Style



Solder



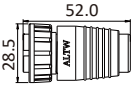
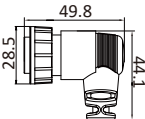
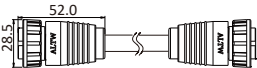
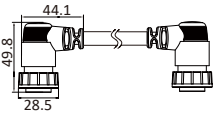
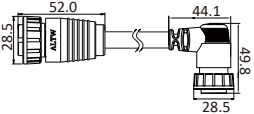

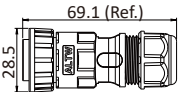


Crimp



Screw In

(A) Field Serviceable/Installable (C) Field Serviceable/Installable (B) Field Serviceable/Installable

No of Contacts		2			
Rated Voltage (AC/DC)		250 ~ 600V			
Nominal Current		20A			
Plastic / Metal		Plastic		Metal	
Pin Assignment		FF	FM	FF	FM
FF: Female Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-02AFFM-SL7A ⑪	ADC-02BFMM-SL7A ⑪*	ADSC-02BFFM-SL7A ⑪*	ADSC-02BFMM-SL7A ⑪*
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-02BFFM-SR7A ⑪*	ADC-02BFMM-SR7A ⑪*	ADSC-02BFFM-SR7A ⑪*	ADSC-02BFMM-SR7A ⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC02FL-ADCFL-SA ⑪*	-	AA-ADSC02FL-ADSCFL-SA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC02BL-ADCBL-SA ⑪*	-	AA-ADSC02BL-ADSCBL-SA ⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC02FR-ADCFR-SA ⑪*	-	AA-ADSC02FR-ADSCFR-SA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC02BR-ADCBR-SA ⑪*	-	AA-ADSC02BR-ADSCBR-SA ⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC02FL-ADCFR-SA ⑪*	-	AA-ADSC02FL-ADSCFR-SA ⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC02BL-ADCBR-SA ⑪*	-	AA-ADSC02BL-ADSCBR-SA ⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
<div>(Solder) </div> <div>(Screw-in, Crimp) </div>	Solder Type	DC-02BFFA-SL7001	ADC-02BFMA-SL7001*	-	-
	Crimp Type	ADC-02BFFC-SL7 ⑪ P0*	ADC-02BFMC-SL7 ⑪ P0*	-	-
	Screw In Type	NEW 1DC-02BFFB-SL7 ⑪ PP	1DC-02BFMB-SL7001*	-	-

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3				4			
250 ~ 600V				250 ~ 600V			
20A				20A			
Plastic		Metal		Plastic		Metal	
FF	FM	FF	FM	FF	FM	FF	FM
ADC-03A FFM -SL7A 11	ADC-03B FMM -SL7A 11 *	ADSC-03B FFM -SL7A 11 *	ADSC-03B FMM -SL7A 11 *	ADC-04A FFM -SL7A 11	ADC-04B FMM -SL7A 11 *	ADSC-04B FFM -SL7A 11 *	ADSC-04B FMM -SL7A 11 *
ADC-03B FFM -SR7A 11 *	ADC-03B FMM -SR7A 11 *	ADSC-03B FFM -SR7A 11 *	ADSC-03B FMM -SR7A 11 *	ADC-04B FFM -SR7A 11 *	ADC-04B FMM -SR7A 11 *	ADSC-04B FFM -SR7A 11 *	ADSC-04B FMM -SR7A 11 *
AA-ADC03 FL -ADC FL -SA 11 *	-	AA-ADSC03 FL -ADSC FL -SA 11 *	-	AA-ADC04 FL -ADC FL -SA 11 *	-	AA-ADSC04 FL -ADSC FL -SA 11 *	-
-	AA-ADC03 BL -ADC BL -SA 11 *	-	AA-ADSC03 BL -ADSC BL -SA 11 *	-	AA-ADC04 BL -ADC BL -SA 11 *	-	AA-ADSC04 BL -ADSC BL -SA 11 *
AA-ADC03 FR -ADC FR -SA 11 *	-	AA-ADSC03 FR -ADSC FR -SA 11 *	-	AA-ADC04 FR -ADC FR -SA 11 *	-	AA-ADSC04 FR -ADSC FR -SA 11 *	-
-	AA-ADC03 BR -ADC BR -SA 11 *	-	AA-ADSC03 BR -ADSC BR -SA 11 *	-	AA-ADC04 BR -ADC BR -SA 11 *	-	AA-ADSC04 BR -ADSC BR -SA 11 *
AA-ADC03 FL -ADC FR -SA 11 *	-	AA-ADSC03 FL -ADSC FR -SA 11 *	-	AA-ADC04 FL -ADC FR -SA 11 *	-	AA-ADSC04 FL -ADSC FR -SA 11 *	-
-	AA-ADC03 BL -ADC BR -SA 11 *	-	AA-ADSC03 BL -ADSC BR -SA 11 *	-	AA-ADC04 BL -ADC BR -SA 11 *	-	AA-ADSC04 BL -ADSC BR -SA 11 *
DC-03B FFA -SL7001	ADC-03B FMA -SL7001*	-	-	DC-04B FFA -SL7001	ADC-04B FMA -SL7001*	-	-
ADC-03B FFC -SL7 11 P0*	ADC-03B FMC -SL7 11 P0*	-	-	ADC-04B FFC -SL7 11 P0*	ADC-04B FMC -SL7 11 P0*	-	-
1DC-03B FFB -SL7 11 PP	1DC-03B FMB -SL7001*	-	-	1DC-04B FFB -SL7 11 PP*	1DC-04B FMB -SL7001*	-	-

Assemble Style



Solder



Crimp








Screw In

(A) Field Serviceable/Installable (C) Field Serviceable/Installable (B) Field Serviceable/Installable

No of Contacts		5			
Rated Voltage (AC/DC)		250 ~ 600V			
Nominal Current		20A			
Plastic / Metal		Plastic		Metal	
Pin Assignment		FF	FM	FF	FM
FF: Female Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-05A FFM -SL7A⑪	ADC-05B FMM -SL7A⑪*	ADSC-05B FFM -SL7A⑪*	ADSC-05B FMM -SL7A⑪*
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADC-05B FFM -SR7A⑪*	ADC-05B FMM -SR7A⑪*	ADSC-05B FFM -SR7A⑪*	ADSC-05B FMM -SR7A⑪*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC05 FL -ADCFL-SA⑪*	-	AA-ADSC05 FL -ADSCFL-SA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC05 BL -ADCBL-SA⑪*	-	AA-ADSC05 BL -ADSCBL-SA⑪*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC05 FR -ADCFR-SA⑪*	-	AA-ADSC05 FR -ADSCFR-SA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC05 BR -ADCBR-SA⑪*	-	AA-ADSC05 BR -ADSCBR-SA⑪*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADC05 FL -ADCFR-SA⑪*	-	AA-ADSC05 FL -ADSCFR-SA⑪*	-
	End1: (B) FM End2: (B) FM	-	AA-ADC05 BL -ADCBR-SA⑪*	-	AA-ADSC05 BL -ADSCBR-SA⑪*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm ⑪ Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
<div>(Solder) </div> <div>(Screw-in, Crimp) </div>	Solder Type	DC-05B FFA -SL7001	ADC-05B FFM A-SL7001*	-	-
	Crimp Type	NEW ADC-05B FFC -SL7⑪P0*	ADC-05B FFM C-SL7⑪P0*	-	-
	Screw In Type	NEW 1DC-05B FFB -SL7⑪PP	1DC-05B FMB -SL7001*	-	-

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6				7				10
250 ~ 600V				250 ~ 600V				250 ~ 600V
20A				20A				10A
Plastic		Metal		Plastic		Metal		Metal
FF	FM	FF	FM	FF	FM	FF	FM	FF
								
DC-06A FFM -SL7A 11	ADC-06B FMM -SL7A 11 *	ADSC-06B FMM -SL7A 11 *	ADSC-06B FMM -SL7A 11 *	ADC-07A FFM -SL7A 11	ADC-07B FMM -SL7A 11 *	ADSC-07B FFM -SL7A 11 *	ADSC-07B FMM -SL7A 11 *	ADSB-10B FMM -SL7A 11 *
ADC-06B FMM -SR7A 11 *	ADC-06B FMM -SR7A 11 *	ADSC-06B FMM -SR7A 11 *	ADSC-06B FMM -SR7A 11 *	ADC-07B FMM -SR7A 11 *	ADC-07B FMM -SR7A 11 *	ADSC-07B FMM -SR7A 11 *	ADSC-07B FMM -SR7A 11 *	ADSB-10B FMM -SR7A 11 *
AA-ADC06 FL -ADC FL -SA 11 *	-	AA-ADSC06 FL -ADSC FL -SA 11 *	-	AA-ADC07 FL -ADC FL -SA 11 *	-	AA-ADSC07 FL -ADSC FL -SA 11 *	-	AA-ADSB10 FL -ADSB FL -SA 11 *
-	AA-ADC06 BL -ADC BL -SA 11 *	-	AA-ADSC06 BL -ADSC BL -SA 11 *	-	AA-ADC07 BL -ADC BL -SA 11 *	-	AA-ADSC07 BL -ADSC BL -SA 11 *	-
AA-ADC06 FR -ADC FR -SA 11 *	-	AA-ADSC06 FR -ADSC FR -SA 11 *	-	AA-ADC07 FR -ADC FR -SA 11 *	-	AA-ADSC07 FR -ADSC FR -SA 11 *	-	AA-ADSB10 FR -ADSB FR -SA 11 *
-	AA-ADC06 BR -ADC BR -SA 11 *	-	AA-ADSC06 BR -ADSC BR -SA 11 *	-	AA-ADC07 BR -ADC BR -SA 11 *	-	AA-ADSC07 BR -ADSC BR -SA 11 *	-
AA-ADC06 FL -ADC FR -SA 11 *	-	AA-ADSC06 FL -ADSC FR -SA 11 *	-	AA-ADC07 FL -ADC FR -SA 11 *	-	AA-ADSC07 FL -ADSC FR -SA 11 *	-	AA-ADSB10 FL -ADSB FR -SA 11 *
-	AA-ADC06 BL -ADC BR -SA 11 *	-	AA-ADSC06 BL -ADSC BR -SA 11 *	-	AA-ADC07 BL -ADC BR -SA 11 *	-	AA-ADSC07 BL -ADSC BR -SA 11 *	-
DC-06B FFA -SL7001	ADC-06B FMA -SL7001*	-	-	DC-07B FFA -SL7001	ADC-07B FMA -SL7001*	-	-	-
ADC-06B FFC -SL7 11 P0*	ADC-06B FMC -SL7 11 P0*	-	-	ADC-07B FFC -SL7 11 P0	ADC-07B FMC -SL7 11 P0*	-	-	-
1DC-06B FFB -SL7 11 PP*	1DC-06B FMB -SL7001*	-	-	1DC-07B FFB -SL7 11 PP*	1DC-07B FMB -SL7001*	-	-	-

Assemble Style




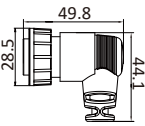
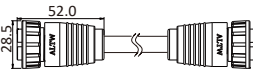
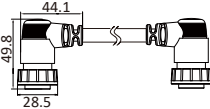
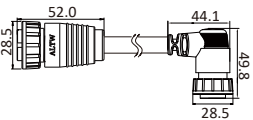
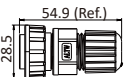
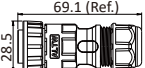


Solder






Crimp

(A) Field Serviceable/Installable (C) Field Serviceable/Installable

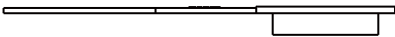
No of Contacts	18				
Rated Voltage (AC/DC)	250 ~ 600V				
Nominal Current	5A				
Plastic / Metal	Plastic		Metal		
Pin Assignment	FF	FM	FF	FM	
FF: Female Connector Female Contact FM: Female Connector Male Contact					
STRAIGHT, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	ADD-18AFFM-SL7A11	ADD-18AFMM-SL7A11	ADSD-18BFFM-SL7A11*	ADSD-18BFMM-SL7A11*
RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)					
11 Cable Length: (01) 1M ~ (99) 99M ¹⁾					
	UL2464, PVC Jacket	DD-18AFFM-SR7A11	ADD-18BFMM-SR7A11*	ADSD-18BFFM-SR7A11*	ADSD-18BFMM-SR7A11*
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADD18FL-ADDFL-SA11*	-	AA-ADSD18FL-ADSDFL-SA11*	-
	End1: (B) FM End2: (B) FM	-	AA-ADD18BL-ADDBL-SA11*	-	AA-ADSD18BL-ADSDBL-SA11*
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADD18FR-ADDFR-SA11*	-	AA-ADSD18FR-ADSDFR-SA11*	-
	End1: (B) FM End2: (B) FM	-	AA-ADD18BR-ADDBR-SA11*	-	AA-ADSD18BR-ADSDBR-SA11*
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly, IP67 (Mated)					
11 Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF, (B) FM					
	End1: (F) FF End2: (F) FF	AA-ADD18FL-ADDFR-SA11*	-	AA-ADSD18FL-ADSDFR-SA11*	-
	End1: (B) FM End2: (B) FM	-	AA-ADD18BL-ADDBR-SA11*	-	AA-ADSD18BL-ADSDBR-SA11*
Field Serviceable/Installable, STRAIGHT, Without Strain Relief, IP67 (Mated)					
Sealing Nut Torque Value: 8 ~ 15 kgf.cm 11 Seal Color: (A) All Seals, (S) Red, OD 5.0~6.0mm, (M) Yellow, OD 6.0~8.0mm, (L) Blue, OD 8.0~10.0mm					
	Solder Type	DD-18BFFA-SL7001	DD-18BFMA-SL7001	-	-
	Crimp Type	ADD-18BFFC-SL711P0*	ADD-18BFMC-SL711P0	-	-

* Upon Request

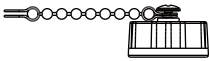


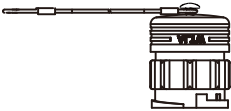
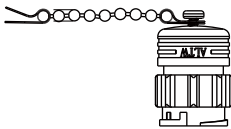
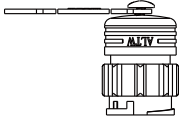

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

20		21		22	
250 ~ 600V		250 ~ 600V		250 ~ 600V	
2A		2A		2A	
Plastic	Metal	Plastic	Metal	Plastic	Metal
FF		FF		FF	
					
DU-20A FFM -SL7A 11 *	ADSU-20B FFM -SL7A 11 *	DU-21A FFM -SL7A 11 *	ADSU-21B FFM -SL7A 11 *	DU-22A FFM -SL7A 11 *	ADSU-22B FFM -SL7A 11 *
ADU-20B FFM -SR7A 11 *	ADSU-20B FFM -SR7A 11 *	ADU-21B FFM -SR7A 11 *	ADSU-21B FFM -SR7A 11 *	ADU-22B FFM -SR7A 11 *	ADSU-22B FFM -SR7A 11 *
AA-ADU20 FL -ADU FL -SA 11 *	AA-ADSU20 FL -ADSU FL -SA 11 *	AA-ADU21 FL -ADU FL -SA 11 *	AA-ADSU21 FL -ADSU FL -SA 11 *	AA-ADU22 FL -ADU FL -SA 11 *	AA-ADSU22 FL -ADSU FL -SA 11 *
-	-	-	-	-	-
AA-ADU20 FR -ADU FR -SA 11 *	AA-ADSU20 FR -ADSU FR -SA 11 *	AA-ADU21 FR -ADU FR -SA 11 *	AA-ADSU21 FR -ADSU FR -SA 11 *	AA-ADU22 FR -ADU FR -SA 11 *	AA-ADSU22 FR -ADSU FR -SA 11 *
-	-	-	-	-	-
AA-ADU20 FL -ADU FR -SA 11 *	AA-ADSU20 FL -ADSU FR -SA 11 *	AA-ADU21 FL -ADU FR -SA 11 *	AA-ADSU21 FL -ADSU FR -SA 11 *	AA-ADU22 FL -ADU FR -SA 11 *	AA-ADSU22 FL -ADSU FR -SA 11 *
-	-	-	-	-	-
ADU-20B FFA -SL7001*	-	ADU-21B FFA -SL7001*	-	ADU-22B FFA -SL7001*	-
ADU-20B FFC -SL 11 P0*	-	ADU-21B FFC -SL 11 P0*	-	ADU-22B FFC -SL 11 P0*	-

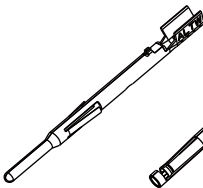
Dust Cap

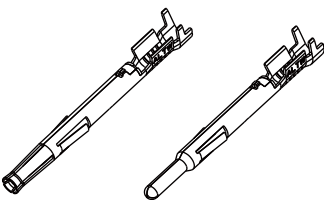
<div></div> <div>With Rubber Lead</div>					
Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
Large Size	Receptacle	Cover	Male	With Rubber Lead	CAP-DADMDPC1

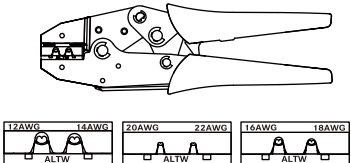
Waterproof Cap

<div><div>For Mating with Male Connector</div><div></div><div>NoneWith Rubber LeadWith Chain</div></div>					
<div><div>For Mating with Female Connector</div><div></div><div>NoneWith Rubber LeadWith ChainWith Fish Line</div></div>					
Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
Large Size	Receptacle	Screw Thread	Male	With Chain	CAP-WADMSPB1
		Screw Thread	Male	With Rubber Lead	CAP-WADMSPC1
		2 Points Lock	Female	With Rubber Lead	CAP-WADFLPC1 / CAP-WADFLPC2 (Metal)
		2 Points Lock	Male	With Chain	CAP-WADMLPB1 / CAP-WADMLPB2 (Metal)
		2 Points Lock	Female	With Chain	CAP-WADFLPB1 / CAP-WADFLPB2 (Metal)
		2 Points Lock	Male	With Fish Line	CAP-WADMLPD1
	Overmolded With Cable & Field Serviceable/Installable	2 Points Lock	Male	With Rubber Lead	CAP-WADMLPC1 / CAP-WADMLPC2 (Metal)
		Screw Thread	Male	None	CAP-WADMSMA1
		2 Points Lock	Male	None	CAP-WADMLMA1
		2 Points Lock	Female	None	CAP-WADFLMA1 / CAP-WADFLMA2 (Metal)
		2 Points Lock	Female	With Fish Line	CAP-WADFLCD1

Contacts & Crimp Tool

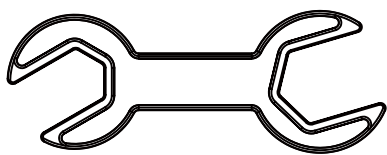

5A


10A/20A


Crimp Tool

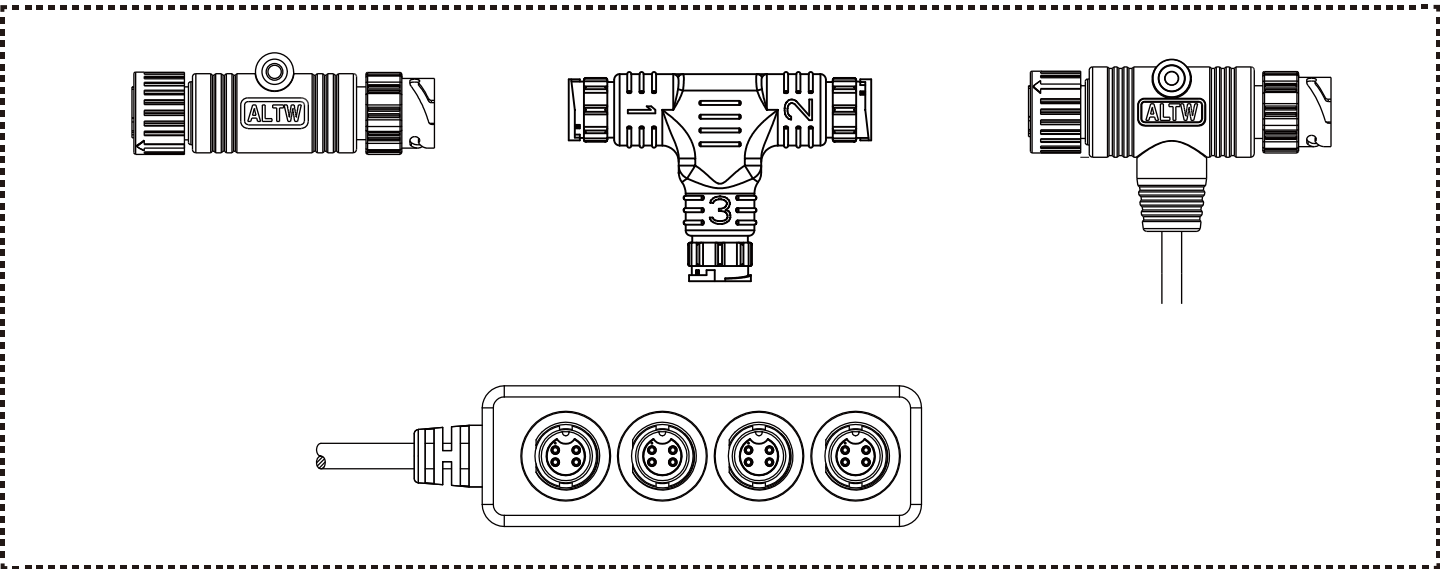
Nominal Current	Contact Gender	Part Number	Packages 6	Crimp Tool
5A	Male	ASSP-05-M-A-C-6*	(SA) 50pcs / Box (SB) 100pcs / Box (RE) 5A 3,000pcs / Reel 10A 3,000pcs / Reel 20A 2,000pcs / Reel	ASST-C-05-W-A (22 ~ 20AWG 0.34 ~ 0.50mm ²)
	Female	ASSP-05-F-A-C-6*		ASST-C-10-W-B (18 ~ 16AWG 1.50 ~ 0.75mm ²)
10A	Male	ASSP-10-M-A-C-6*		ASST-C-20-W-C (14 ~ 12AWG 2.50 ~ 4.00mm ²)
	Female	ASSP-10-F-A-C-6*		
20A	Male	ASSP-20-M-A-C-6*		
	Female	ASSP-20-F-A-C-6*		

Wrench



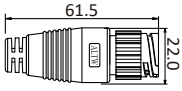
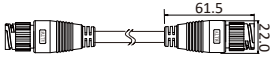
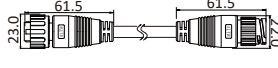
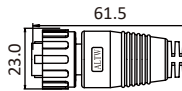
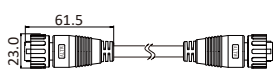


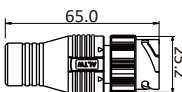
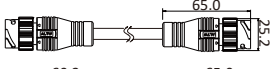
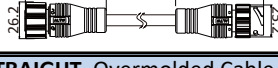
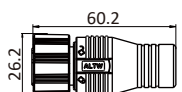
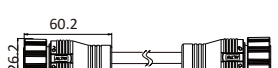
Part Number: TOL-222901*

Customization - Upon Request



Macro E Size & Other Sizes

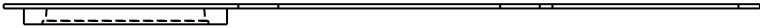
No of Contacts		4	8
Rated Voltage (AC/DC)		250V	205V
Nominal Current		10A	10A+5A
Size		MAB	GBD
Plastic / Metal		Plastic	Plastic
Pin Assignment		MF/FM	MM/FF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact			
MAB: Lock Bayonet (2 Points)			
STRAIGHT , Overmolded Cable Assembly, Free Cable End, With Strain Relief, IP67 (Mated)			
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾			
	UL2464, PVC Jacket	MAB-04AMFM-LL7A⑪	-
STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated)			
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (H) MF, (B) FM			
	End1: (H) MF End2: (H) MF	-	AA-MAB08HL-MABHL-LA⑪*
	End1: (H) MF End2: (B) FM	-	AA-MAB08HL-MABBL-LA⑪*
STRAIGHT , Overmolded Cable Assembly, Free Cable End, With Strain Relief, IP67 (Mated)			
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾			
	UL2464, PVC Jacket	MAB-04AFMM-LL7A⑪	-
STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated)			
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (B) FM			
	End1: (B) FM End2: (B) FM	AA-MAB04BL-MABBL-LA⑪*	-

GBD: Lock Bayonet (3 Points)			
STRAIGHT , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)			
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾			
	UL2464, PVC Jacket	-	GBD-08AMMM-TL8A⑪
STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated)			
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF			
	End1: (M) MM End2: (M) MM	-	AA-GBD08ML-GBDML-TA⑪*
	End1: (M) MM End2: (F) FF	-	AA-GBD08ML-GBDFL-TA⑪*
STRAIGHT , Overmolded Cable Assembly, Free Cable End, Without Strain Relief, IP67 (Mated)			
⑪ Cable Length: (01) 1M ~ (99) 99M ¹⁾			
	UL2464, PVC Jacket	-	GBD-08AFFM-TL8A⑪
STRAIGHT-TO-STRAIGHT , Overmolded Double-Ended Cable Assembly, IP67 (Mated)			
⑪ Cable Length: (A05) 0.5M, (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (F) FF			
	End1: (F) FF End2: (F) FF	-	AA-GBD08FL-GBDFL-TA⑪*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths


Dust Cap



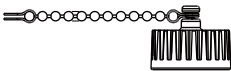
With Rubber Lead

Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
PLD	Receptacle	Cover	Male	With Rubber Lead	CAP-DPLMDPC1


Waterproof Cap



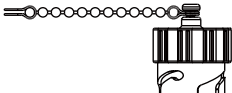
None



With Chain



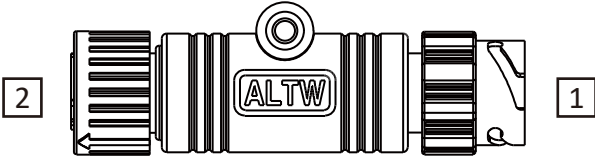
None



With Chain

Size	Mating Part	Mating Style	Gender of Mating Part	Attachment	Part Number
GBD	Receptacle	3 Points Lock	Male	With Chain	CAP-WEBMTPB1
		3 Points Lock	Female	With Chain	CAP-WEBFTPB1
	Overmolded With Cable & Field Serviceable/Installable	3 Points Lock	Male	None	CAP-WEBMTMA1
		3 Points Lock	Female	None	CAP-WEBFTMA1

I Adaptor



6 For Connector 1

7 For Connector 2

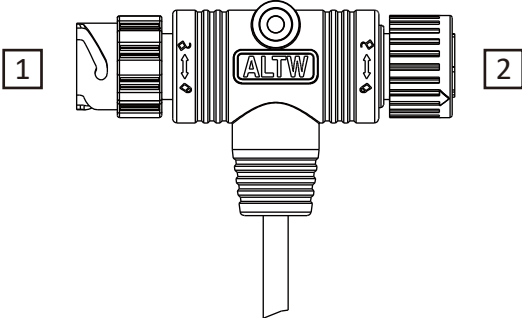
Connector Gender / Contact Gender

Male / Male (M)

Female / Female (F)

Size	Nominal Current	No. of Contacts	Mating Style
			Screw Thread
GBD	10A+5A	08	GA-000808-067-IT001

T Cable



5 For Connector 1

6 For Connector 2

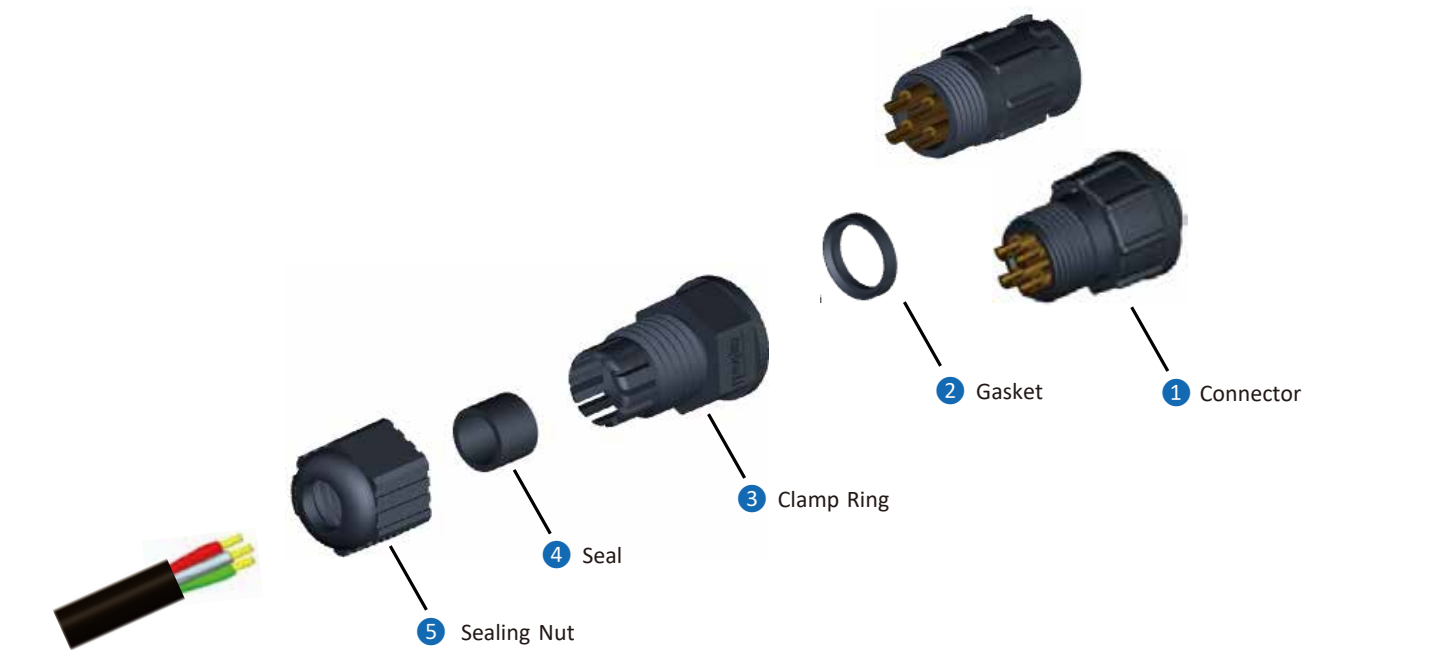
Connector Gender / Contact Gender

Male / Male (M)

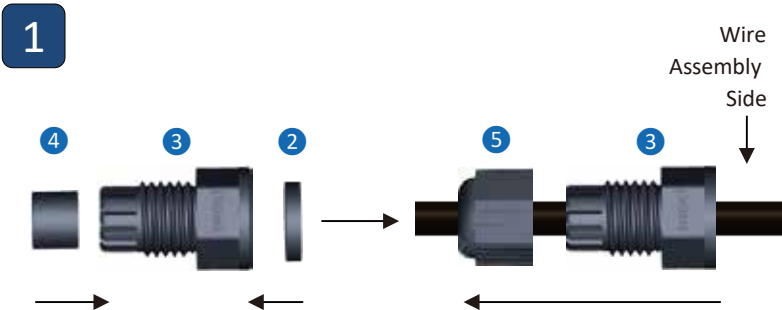
Female / Female (F)

Size	Nominal Current	No. of Contacts	Mating Style
			3 Points Lock
GBD	10A+5A	08	GA-080800-560-TTAXX

* XX: Choose the cable length: (01) 1M ~ (99) 99M / PVC UL2464 Cable



Nominal Current	2A	5A	10A	20A
Wire Range	26 ~ 24 AWG (0.14 ~ 0.25mm ²)	24 ~ 20 AWG (0.25 ~ 0.50mm ²)	20 ~ 16 AWG (0.50 ~ 1.50mm ²)	16 ~ 12 AWG (0.50 ~ 4.00mm ²)
Cable O.D. (Unit: mm)	Mini & Standard Size 4.5 ~ 6.5 Middle Size 4.0 ~ 9.6 Large Size 5.5 ~ 10.8		Mini & Standard Size 4.5 ~ 6.5 Middle Size 4.0 ~ 9.6	Middle Size 4.0 ~ 9.6 Large Size 5.5 ~ 10.8

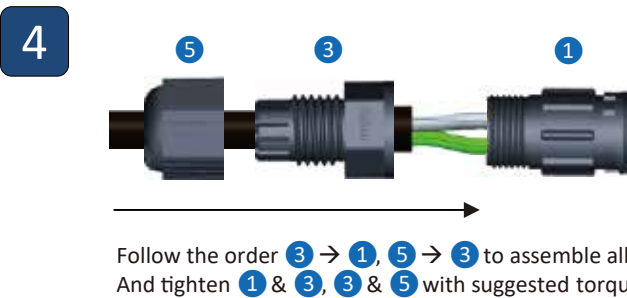
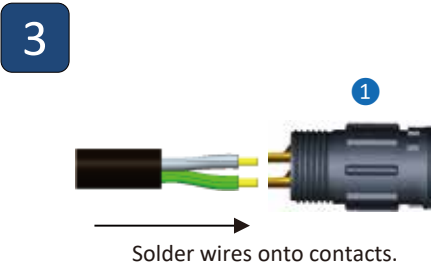


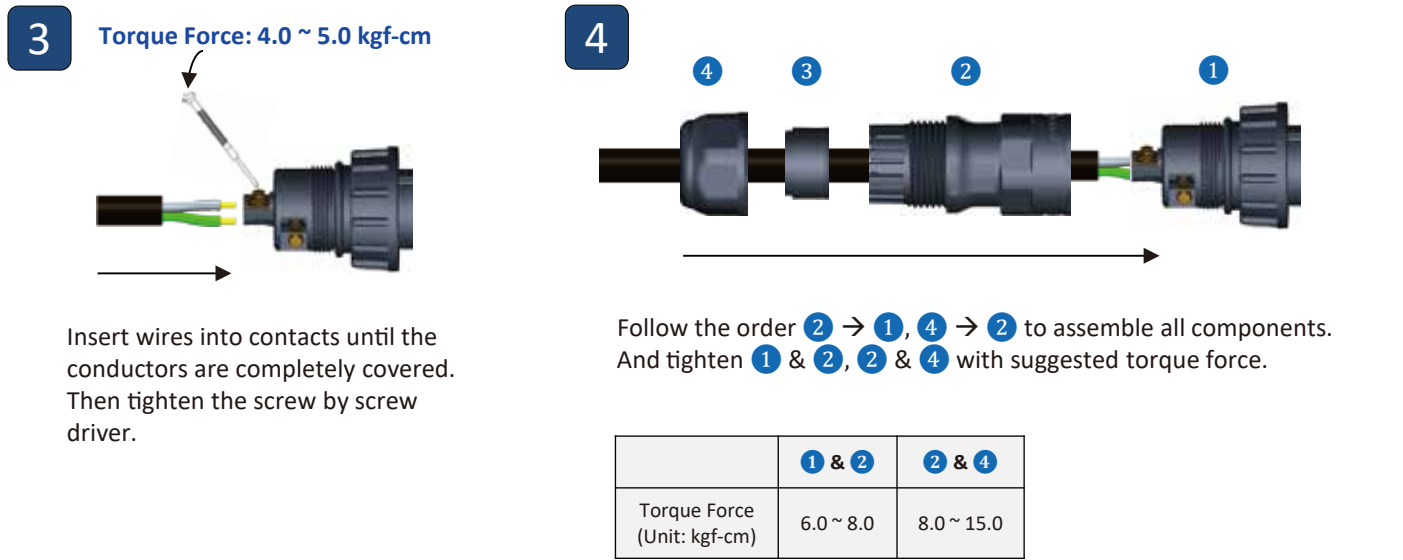
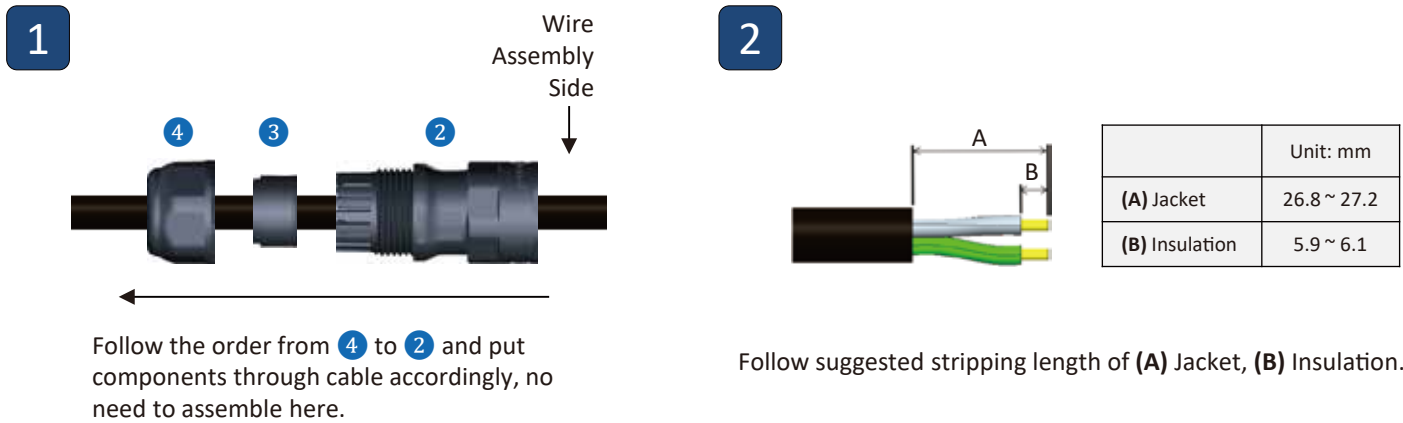
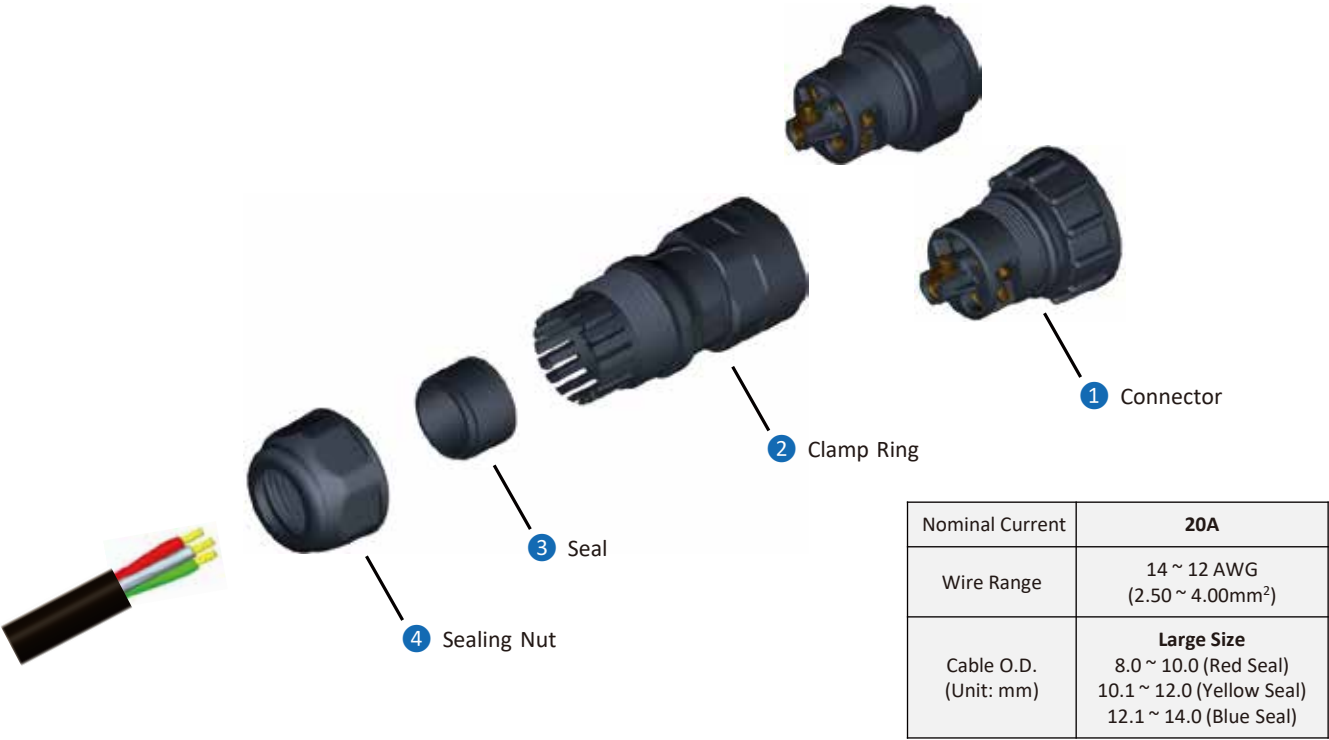
Pre-assemble ④ & ② into ③.
Follow the order from ⑤ to ③ and put components through cable accordingly, no need to assemble here.

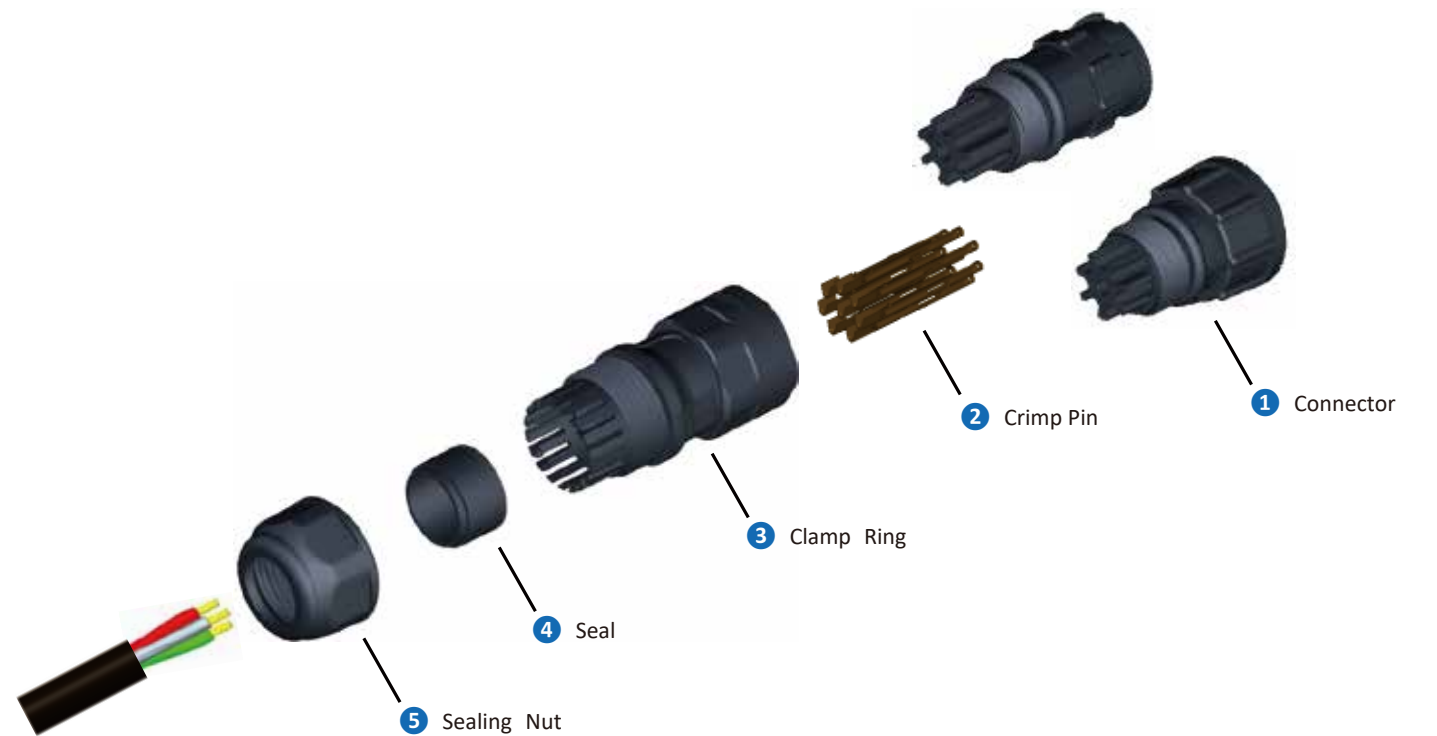
2

(Unit: mm)	(A) Jacket	(B) Insulation
Mini Size	8.0 ~ 12.0	3.0 ~ 4.0
Standard Size	11.0 ~ 15.0	3.0 ~ 4.0
Middle Size	14.0 ~ 18.0	3.0 ~ 4.0
Large Size	17.0 ~ 21.0	3.0 ~ 4.0

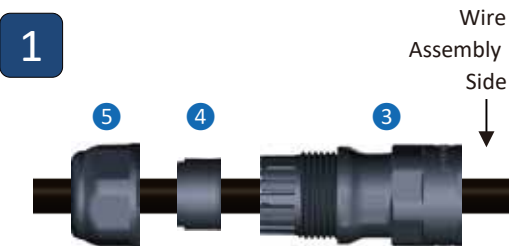
Follow suggested stripping length of (A) Jacket, (B) Insulation.







Nominal Current	5A		10A	20A	
Wire Range	22 ~ 20 AWG (0.34 ~ 0.50mm ²)		18 ~ 16 AWG (0.75 ~ 1.50mm ²)	14 ~ 12 AWG (2.50 ~ 4.00mm ²)	
Cable O.D. (Unit: mm)	Standard & Middle Size		Middle Size	Middle Size	Large Size
	5.0 ~ 6.0 (Red Seal)		5.0 ~ 6.0 (Red Seal)	5.0 ~ 6.0 (Red Seal)	8.0 ~ 10.0 (Red Seal)
	6.1 ~ 8.0 (Yellow Seal)		6.1 ~ 8.0 (Yellow Seal)	6.1 ~ 8.0 (Yellow Seal)	10.0 ~ 12.0 (Yellow Seal)
	8.1 ~ 10.0 (Blue Seal)		8.1 ~ 10.0 (Blue Seal)	8.1 ~ 10.0 (Blue Seal)	12.0 ~ 14.0 (Blue Seal)

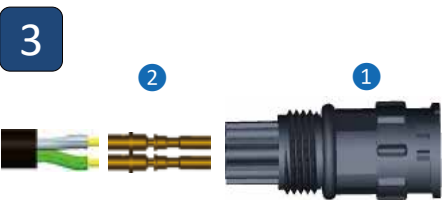


Follow the order from 5 to 3 and put components through cable accordingly, no need to assemble here.

2

(Unit: mm)	(A) Jacket	(B) Insulation
5A	16.0 ~ 18.0	3.5 ~ 4.0
10A	16.0 ~ 18.0	5.0 ~ 5.5
20A	18.0 ~ 20.0	5.0 ~ 5.5

Follow suggested stripping length of (A) Jacket, (B) Insulation.



Terminate conductors onto crimp contacts and insert them into 1 until you hear click sound.



Follow the order 3 → 1, 4 → 3, 5 → 3 to assemble all components. And tighten 1 & 3, 3 & 5 with suggested torque force.

	1 & 3	3 & 5
Torque Force (Unit: kgf-cm)	6.0 ~ 8.0	8.0 ~ 15.0

Cable List

Item No.	Jacket	Color	UL No.	Cable Specification	Cable OD	Copper Index (kg/km)	Weight (kg/km)
WCA00011181	PVC	Black	SJTW	12AWG*2C+Filler	10.70	60.80	163.10
WCA00011226	PVC	Black	SJTW	12AWG*3C	11.20	89.60	222.90
WCA00011182	PVC	Black	SJTW	12AWG*3C+Filler	11.70	89.85	207.67
WCA00011243	PVC	Black	UL2464	12AWG*3C+Filler	10.00	90.00	164.40
WCA00011242	PVC	Black	UL2464	12AWG*4C+Filler	11.00	120.40	228.70
WCA00012002	PVC	Black	SJTW	12AWG*4C+Filler	12.30	122.00	293.00
WCA00011183	PVC	Black	SJTW	12AWG*5C+Filler	13.60	149.50	328.90
WCA00010846	PVC	Black	UL1277,UL1581&UL83	14AWG*3C	9.70	53.80	134.20
WCA0485XX01	PVC	Black	UL2464	14AWG*3C+Talcum	7.00	55.80	100.10
WCA00011884	PU	Black	UL20234	14AWG*5C+Filler+Paper	10.00	115.70	180.00
WCA00012012	PU	Black	UL20234	14AWG*5C+Filler+Paper	10.00	115.70	180.00
WCA00011201	PVC	Black	UL21388	16AWG*2C+AL/Mylar	8.20	23.80	60.20
WCA00011206	PVC	Black	SJTW	16AWG*2C+Filler	8.20	24.25	85.10
WCA0264UV01	PVC	Black	UL2464	16AWG*2C+Talcum	5.80	23.80	57.70
WCA00010942	PVC	Black	UL2464	16AWG*2C+Talcum	7.80	24.20	95.00
WCA00010625	PVC	Black	UL2464	16AWG*3C+AL.Mylar+Drain	7.50	46.80	96.60
WCA00011202	PVC	Black	UL21388	16AWG*3C+AL/Mylar	8.60	35.70	71.50
WCA0579UV01	PVC	Black	UL2464	16AWG*3C+Drain+AL.Mylar	7.50	46.70	97.90
WCA00011207	PVC	Black	SJTW	16AWG*3C+Filler	8.60	36.02	105.21
WCA0285UV01	PVC	Black	UL2464	16AWG*4C+AL.Mylar	7.50	47.60	99.90
WCA00011203	PVC	Black	UL21388	16AWG*4C+AL/Mylar	9.30	47.60	88.40
WCA00011208	PVC	Black	SJTW	16AWG*4C+Filler	9.30	49.00	131.50
WCA00011204	PVC	Black	UL21388	16AWG*5C+AL/Mylar	10.70	59.40	99.80
WCA0263UV01	PVC	Black	UL2464	16AWG*5C+Talcum	7.80	59.50	108.80
WCA00011205	PVC	Black	UL21388	16AWG*6C+AL/PET	11.70	71.30	123.30
WCA0582UV01	PVC	Black	UL2464	16AWG*6C+Filler+Drain+AL.Mylar	9.50	82.10	153.60
WCA0583UV01	PVC	Black	UL2464	16AWG*7C+Drain+AL.Mylar	9.50	93.60	175.70
WCA00011299	PVC	Black	UL2464	18AWG*10C	9.00	77.00	145.00
WCE00010070-43	PVC	Black	UL21996	18AWG*2C+Talcum	3.4*5.3	14.82	36.97
WCE00010074-43	PVC	White	UL21996	18AWG*2C+Talcum	3.4*5.3	14.82	36.97
WCA00010897	PVC	Black	UL1277, UL15, 81&UL83	18AWG*3C	8.50	21.30	81.93
WCA00011209	PVC	Black	SJTW	18AWG*3C+Filler	8.00	21.30	81.93
WCA00010898	PVC	Black	UL1277, UL15, 81&UL83	18AWG*4C	9.20	35.00	125.00
WCE00010071-43	PVC	Black	UL21996	18AWG*4C+Talcum	3.4*9.2	29.64	68.14
WCE00010075-43	PVC	White	UL21996	18AWG*4C+Talcum	3.4*9.2	29.64	68.14
WCA00011240	PVC	Black	UL2464	20AWG*10C+AL.Mylar+Filler	9.00	48.00	116.40
WCA00011192	PVC	Black	UL21388	20AWG*10C+AL/Mylar	8.50	48.00	109.70
WCA00011436	PVC	Black	UL2464	20AWG*12C+AL.Mylar+Filler	9.00	57.60	125.10
WCA00011193	PVC	Black	UL21388	20AWG*12C+AL/Mylar	8.50	57.60	121.70
WCA00011200	PVC	Black	UL21388	20AWG*14C+AL/Mylar	8.50	67.20	130.60
WCA0470XX01	PVC	Black	UL2464	20AWG*14C+Braid	9.50	87.90	161.30
WCA0153XX01	PVC	Black	UL2464	20AWG*18C+AL.Mylar	9.50	86.40	154.20
WCA00011581-43	PVC	Black	UL 21996	20AWG*2C	5.20	9.40	34.02
WCA00011194	PVC	Black	UL21388	20AWG*18C+AL/Mylar	10.00	86.40	174.70
WCA00010781	PVC	Black	UL2464	20AWG*2C+AL.Mylar+Braid	5.50	17.70	41.60
WCA00011184	PVC	Black	UL21388	20AWG*2C+AL/Mylar	5.50	9.60	27.40
WCA0124UV01	PVC	Black	UL2464	20AWG*2C+Drain+AL.Mylar	5.80	14.40	48.40
WCE00010072-43	PVC	Black	UL21996	20AWG*2C+Talcum	3.2*5.0	14.10	41.45
WCE00010076-43	PVC	White	UL21996	20AWG*2C+Talcum	3.2*5.0	14.10	41.45
WCA00011580-43	PVC	Black	UL 21996	20AWG*3C	5.50	14.10	41.45
WCA0489UV01	PVC	Black	UL2464	20AWG*3C+AL.Mylar	5.00	14.40	39.30
WCA00010602	PVC	Black	UL2464	20AWG*3C+AL.Mylar+Braid+Drain	5.50	29.20	61.90
WCA00011185	PVC	Black	UL21388	20AWG*3C+AL/Mylar	5.50	14.40	43.70
WCA00011548-43	PVC	Black	UL 21996	20AWG*4C	6.00	18.80	48.46
WCA00011186	PVC	Black	UL21388	20AWG*4C+AL/Mylar	6.00	19.20	51.40
WCA0575UV01	PVC	Black	UL2464	20AWG*4C+Drain+AL.Mylar	5.50	24.00	52.10
WCE00010073-43	PVC	Black	UL21996	20AWG*4C+Talcum	3.2*8.5	18.80	53.34
WCE00010077-43	PVC	White	UL21996	20AWG*4C+Talcum	3.2*8.5	18.80	53.34
WCA00011187	PVC	Black	UL21388	20AWG*5C+AL/Mylar	6.20	24.00	59.20
WCA0576UV01	PVC	Black	UL2464	20AWG*5C+Drain+AL.Mylar	6.00	28.80	62.70
WCA00011188	PVC	Black	UL21388	20AWG*6C+AL/Mylar	6.80	28.80	71.80
WCA0577UV01	PVC	Black	UL2464	20AWG*6C+Drain+AL.Mylar	6.50	33.60	76.80
WCA00011189	PVC	Black	UL21388	20AWG*7C+AL/Mylar	6.80	33.60	75.80
WCA00010049	PVC	Black	UL2464	20AWG*7C+Drain+AL.Mylar	6.50	38.40	74.80
WCA00010550	PVC	Black	UL2464	20AWG*8C+AL.Mylar+Drain+Filler	6.80	43.00	86.00

Cable List

Item No.	Jacket	Color	UL No.	Cable Specification	Cable OD	Copper Index (kg/km)	Weight (kg/km)
WCA00011190	PVC	Black	UL21388	20AWG*8C+AL/Mylar	7.20	38.40	87.00
WCA00011489-28	PVC	Black	UL2464	20AWG*9C+AL.Mylar+Drain	7.40	48.50	101.80
WCA00011191	PVC	Black	UL21388	20AWG*9C+AL/Mylar	7.60	43.20	97.30
WCA00010868	PVC	Black	UL2464	22AWG*2C+Talcum	4.20	6.20	24.60
WCA00011339	PVC	Yellow	UL2517	22AWG*3C	4.50	9.00	31.50
WCA00011343	PU	Black	UL20549	22AWG*3C	3.80	9.00	26.00
WCA00011459-28	PVC	Black	UL2517	22AWG*3C	4.50	9.30	31.00
WCA00010063	PU	Black	NONUL	22AWG*3C+Talcum	4.50	9.00	26.40
WCA0570UV01	PVC	Black	UL2464	22AWG*3C+Talcum	5.00	9.30	35.20
WCA00011340	PVC	Yellow	UL2517	22AWG*4C	4.80	11.70	40.00
WCA00011344	PU	Black	UL20549	22AWG*4C	4.00	12.00	31.80
WCA00011460-28	PVC	Black	UL2517	22AWG*4C	4.80	12.00	38.00
WCA00011813-01	PVC	Black	UL2517	22AWG*4C+AL.Mylar+Braid	5.30	22.00	46.00
WCA00011872	PU	Black	UL20549	22AWG*4C+AL.Mylar+Braid+Paper	5.30	22.00	48.00
WCA00010062	PU	Black	NONUL	22AWG*4C+Insulation	4.80	12.00	29.40
WCA0571UV01	PVC	Black	UL2464	22AWG*4C+Talcum	5.00	12.40	38.60
WCA00011341	PVC	Yellow	UL2517	22AWG*5C	5.10	15.50	43.80
WCA00011687-01	PVC	Black	UL2517	22AWG*5C+AL.Mylar+Filler+Braid	5.70	26.00	58.00
WCA00011345	PU	Black	UL20549	22AWG*5C+Filler	4.40	15.00	43.50
WCA00011461-28	PVC	Black	UL2517	22AWG*5C+Filler	5.10	15.00	43.00
WCA00011870	PU	Black	UL20549	22AWG*5C+Filler+AL.Mylar+Braid+Paper	5.70	26.00	51.00
WCA00012245	PU	Black	UL20549	22AWG*5C+Filler+Paper	5.60	19.00	51.00
WCA00010061	PU	Black	NONUL	22AWG*5C+Filler+Talcum+Paper	5.00	15.50	38.50
WCA0352X02	PU	Black	NONUL	22AWG*5C+Talcum	5.00	15.50	47.50
WCA0521UV01	PVC	Black	UL2464	22AWG*5C+Talcum	5.50	15.50	47.50
WCA0556UV01	PVC	Black	UL2464	24AWG*10C+Drain+AL.Mylar	6.50	22.00	63.80
WCA0557UV01	PVC	Black	UL2464	24AWG*12C+Drain+AL.Mylar	7.00	26.00	72.30
WCA0558UV01	PVC	Black	UL2464	24AWG*14C+Drain+AL.Mylar	7.00	30.00	77.10
WCA0465UV01	PVC	Black	UL2464	24AWG*15C+Drain+AL.Mylar	7.00	32.00	77.60
WCA0560UV01	PVC	Black	UL2464	24AWG*18C+Drain+AL.Mylar	8.00	38.00	100.70
WCA0284UV01	PVC	Black	UL2464	24AWG*25C+Drain+AL.Mylar	9.00	51.90	130.90
WCA0072UV01	PVC	Black	UL2464	24AWG*2C+Drain+AL.Mylar	4.20	6.00	24.00
WCA0027UV01	PVC	Black	UL2464	24AWG*2C+Talcum	4.20	4.00	22.70
WCA00010114	PVC	Black	UL2464	24AWG*37C+Drain+AL/Mylar	9.50	74.00	153.20
WCA00011746-03	PVC	Black	UL2517	24AWG*3C+AL.Mylar+Braid	4.60	13.10	31.30
WCA0549UV01	PVC	Black	UL2464	24AWG*3C+Drain+AL.Mylar	4.50	8.00	29.00
WCA0006UV01	PVC	Black	UL2464	24AWG*3C+Talcum	4.50	6.00	27.70
WCA00011726-03	PVC	Black	UL2517	24AWG*4C+AL.Mylar+Braid	5.00	16.40	38.50
WCA0219UV01	PVC	Black	UL2464	24AWG*4C+Drain+AL.Mylar	5.80	10.00	45.60
WCA0036UV01	PVC	Black	UL2464	24AWG*4C+Talcum	5.00	8.00	32.40
WCA00011584-43	PVC	Black	UL 21996	24AWG*5C	5.50	9.88	41.20
WCA0551UV01	PVC	Black	UL2464	24AWG*5C+Drain+AL.Mylar	5.00	12.00	37.00
WCA0229UV01	PVC	Black	UL2464	24AWG*5C+Talcum	5.00	10.00	34.40
WCA00011583-43	PVC	Black	UL 21996	24AWG*6C	5.80	11.86	45.21
WCA00011214	PVC	Black	UL2464	24AWG*6C+AL.Mylar	5.00	12.00	39.40
WCA0217UV01	PVC	Black	UL2464	24AWG*6C+Drain+AL.Mylar	5.80	14.00	45.00
WCA00011479-28	PVC	Black	UL2517	24AWG*6C+Filler	5.00	12.00	40.00
WCA00012067	PVC	Black	UL21388	24AWG*6C+Filler+AL.Mylar	5.20	11.40	35.40
WCA00011421	PVC	Yellow	UL2517	24AWG*6C+Filler+Talcum	5.00	17.60	49.20
WCA00011422	PU	Black	UL20549	24AWG*6C+Filler+Talcum	5.00	13.00	34.00
WCA0087UV01	PVC	Black	UL2464	24AWG*7C+Drain+AL/Mylar	5.80	16.00	51.00
WCA00011342	PVC	Yellow	UL2517	24AWG*8C	5.50	15.50	48.00
WCA00011346	PU	Black	UL20549	24AWG*8C	4.80	15.50	35.00
WCA00011462-28	PVC	Black	UL2517	24AWG*8C	5.50	15.50	48.00
WCA00011698-01	PVC	Black	UL2517	24AWG*8C+AL.Mylar+Filler+Braid	5.80	27.00	60.00
WCA0003UV01	PVC	Black	UL2464	24AWG*8C+Drain+AL/Mylar	5.50	18.00	45.70
WCA00012066	PVC	Black	UL21388	24AWG*8C+Filler+AL.Mylar	5.60	15.20	43.40
WCA00011814-01	PU	Black	UL20549	24AWG*8C+Filler+AL.Mylar+Braid+Paper	5.80	26.00	51.00
WCA00012341	PU	Black	UL20549	24AWG*8C+Filler+Paper	6.70	19.00	65.00
WCA0203UV01	PVC	Black	UL2464	24AWG*8C+Talcum	5.50	16.00	45.30
WCA0528UV01	PVC	Black	UL2464	24AWG*9C+Drain+AL.Mylar	6.00	20.00	54.80
WCA0540UV01	PVC	Black	UL2464	26AWG*6C+Drain+AL.Mylar	5.00	9.80	33.70
WCA0543UV01	PVC	Black	UL2464	26AWG*10C+Drain+AL.Mylar	6.00	15.00	50.30
WCA00011400	PU	Black	UL20549	26AWG*10C+Filler	6.00	14.00	48.00
WCA00011401	PVC	Yellow	UL2517	26AWG*10C+Filler	6.00	14.00	52.00

Cable List

Item No.	Jacket	Color	UL No.	Cable Specification	Cable OD	Copper Index (kg/km)	Weight (kg/km)
WCA00011463-01	PVC	Black	UL2517	26AWG*10C+Filler	6.00	14.00	52.00
WCA00011380	PU	Black	UL20549	26AWG*12C	6.00	16.00	47.00
WCA00011402	PVC	Yellow	UL2517	26AWG*12C	6.00	17.00	54.00
WCA00011464-01	PVC	Black	UL2517	26AWG*12C	6.00	17.00	55.00
WCA00011782-01	PVC	Black	UL2517	26AWG*12C+AL.Mylar+Braid	6.40	25.00	63.00
WCA00011871	PU	Black	UL20549	26AWG*12C+AL.Mylar+Braid+Paper	6.40	28.00	60.00
WCA0544UV01	PVC	Black	UL2464	26AWG*12C+Drain+AL.Mylar	6.00	17.60	53.10
WCA0545UV01	PVC	Black	UL2464	26AWG*15C+Drain+AL.Mylar	6.50	21.50	58.70
WCA00012148	PU	Black	UL20549	26AWG*17C+Filler	7.00	23.00	63.00
WCA00012173	PVC	Yellow	UL2517	26AWG*17C+Filler	7.00	24.00	73.00
WCA00012149	PVC	Black	UL2517	26AWG*17C+Filler	7.00	24.00	68.00
WCA00012151	PVC	Black	UL2517	26AWG*17C+Filler+AL.Mylar+Braid	7.50	40.00	91.00
WCA00012150	PU	Black	UL20549	26AWG*17C+Filler+AL.Mylar+Braid+Paper	7.50	39.00	80.00
WCA00010045	PVC	Black	UL2464	26AWG*22C+Drain+AL.Mylar	7.50	29.90	78.10
WCA0546UV01	PVC	Black	UL2464	26AWG*26C+Drain+AL.Mylar	8.00	35.80	91.30
WCA0449UV01	PVC	Black	UL2464	26AWG*31C+Drain+AL.Mylar	9.00	42.30	117.40
WCA0481UV01	PVC	Black	UL2464	26AWG*3C+Drain+AL.Mylar	4.00	5.20	22.40
WCA0547UV01	PVC	Black	UL2464	26AWG*44C+Drain+AL.Mylar	10.50	59.20	157.10
WCA0487UV01	PVC	Black	UL2464	26AWG*4C+Drain+AL.Mylar	4.80	7.20	30.80
WCA0486UV01	PVC	Black	UL2464	26AWG*5C+Drain+AL.Mylar	4.80	8.50	33.00
WCA00011480-01	PU	Black	-	CAT.5E 22AWG*2P+Drain+Filler+AL.Mylar	6.20	14.00	44.00
WCA00011527-17	LSZH	Green	-	CAT.6A S/FTP 26AWG*4P+AL/Polyester+Braid	6.60	17.99	47.08
WCA00010840	PVC	Black	-	CAT5E FTP 24AWG*4P+Mylar+D+AL.Mylar	6.50	17.97	47.34
WCA0373XX01	PVC	Beige	-	CAT5E FTP 24AWG*4P+Mylar+D+AL.Mylar	6.00	18.00	41.80
WCA0664UV01	PVC	Black	-	CAT5E FTP 24AWG*4P+Mylar+D+AL/Mylar	6.50	18.00	52.30
WCA0459XX01	PVC	Beige	-	CAT5E S-FTP 24AWG*4P+Mylar+AL.Mylar+D+B	6.10	30.97	55.00
WCA0663UV01	PVC	Black	-	CAT5E UTP 24AWG*4P	6.00	16.00	49.40
WCA00011688-03	PVC	Yellow	-	CL2 22AWG*2C+AL.Mylar+Drain+Braid	5.80	16.70	49.80
WCA0611XX01	PVC	Black	-	SJTW 14AWG*3C	9.50	56.70	154.50
WCA00010369	PVC	Black	-	STOOW 16AWG*4C	10.60	49.00	181.00
WCA00010899	PVC	Black	UL1277,UL1581,UL83	14AWG*3C+16AWG*1C	10.30	68.48	172.00
WCA00011252	PU	Black	UL20549	18AWG*2C+22AWG*4C+Filler+Paper	6.00	27.50	63.00
WCA00011253	PU	Black	UL20549	18AWG*2C+22AWG*6C+Filler+Paper	7.40	33.60	83.00
WCA00011254	PU	Black	UL20549	18AWG*2C+22AWG*8C+Filler+Paper	8.20	40.00	98.00
WCA00011582-43	PVC	Black	UL 21996	20AWG*2C+20AWG*3C	6.00	15.33	50.21
WCA0585UV01	PVC	Black	UL2464	24AWG*4C+20AWG*2C+Drain+AL.Mylar	6.00	22.40	57.40
WCA0042UV01	PVC	Black	UL2464	24AWG*6C+20AWG*2C+Drain+AL.Mylar	6.00	26.20	58.50
WCA0584UV01	PVC	Black	UL2464	26AWG*6C+24AWG*2C+Drain+AL.Mylar	5.50	13.70	42.80
WCA0365UV01	PVC	Black	-	28AWG*1P+24AWG*2C+AL.Mylar+Drain+Braid (USB2.0)	5.00	11.90	35.10
WCA00012165	PVC	Black	UL2725	28AWG*1P+28AWG*2C+AL.Mylar+Drain+Braid	3.80	10.00	21.00
WCA0691XX01	PVC	Black	UL2725	28AWG*1P+28AWG*3C+AL.Mylar+Drain+Braid	3.80	10.40	23.20
WCA00010259	PVC	Black	UL20276	[(18AWG*1P+AL)+(16AWG*1P+AL)]+Drain+AL+Braid	10.00	73.00	152.00
WCA00011922	PVC	Black	UL21996	(20AWG*1P+Drain+AL.Mylar)+16AWG*3C+Filler+AL.Mylar	8.50	50.61	115.27
WCA00010258	PVC	Black	-	[(22AWG+1P+AL)+(18AWG+1P+AL)]+Drain+AL.Mylar+Braid	7.00	42.00	80.00
WCA00010876	PVC	Black	UL2586	(24AWG*1P+A)*2C+16AWG*3C+EA	10.00	47.00	128.00
WCA00010257	PVC	Black	-	[(24AWG+1P+AL)+(22AWG+1P+AL)]+Drain+AL.Mylar+Braid	6.00	27.00	58.00
WCA00011350	PVC	Black	-	[(24AWG+1P+AL)+(22AWG+1P+AL)]+Drain+AL.Mylar+Braid	6.70	29.70	65.80
WCA00010437	PVC	Gray	-	[(24AWG+1P+AL)+(22AWG+1P+AL)]+Drain+Braid+Mylar	7.10	14.80	69.80
WCA00010080	PVC	Black	UL2464	(24AWG*25C+Mylar)+24AWG*25C+Drain+AL.Mylar	12.00	110.00	285.00
WCA00010710	PVC	Black	UL2464	(24AWG*2P+Drain+AL.Mylar)+16AWG*3C+Filler+Paper	12.00	45.70	179.10
WCA00011923	PVC	Black	UL21996	(24AWG*2P+Drain+AL.Mylar)+12AWG*3C+Filler+AL.Mylar	11.50	99.97	187.20
WCA00010635	PVC	Black	UL2464	(24AWG*4P+Drain+AL.Mylar)+16AWG*3C+Filler+Paper	11.00	41.70	149.70
WCA00010264	PVC	Black	UL20276	(26AWG*1P+Drain+AL.Mylar)*4C+26AWG*1P+26AWG*5C+AL.Mylar+Braid	8.50	45.50	94.30
WCA00011530-43	PVC	Black	UL21996	(26AWG*2P+AL.Mylar)+16AWG*2C+Filler+AL.Mylar	9.30	28.54	106.26
WCA00011531-43	PVC	Black	UL21996	(26AWG*2P+Drain+AL.Mylar)+16AWG*3C+Filler+AL.Mylar	11.00	41.58	146.60
WCA00011532-43	PVC	Black	UL21996	(26AWG*4P+Drain+AL.Mylar)+12AWG*3C+Filler+AL.Mylar	13.50	101.34	269.21
WCA00012137	PVC	Black	UL2725	(28AWG*1P+DAM)*2+28AWG*1P+28AWG*2C+Filler+AL.Mylar+Drain+Braid	6.00	21.80	48.20
WCA00010095	PVC	Black	UL20276	(28AWG*1P+Drain+AL+Mylar)*4C+(1P+3C)*28AWG+AL+Braid	7.30	33.90	73.70
WCA00010097	PVC	Black	UL20276	(28AWG*1P+Drain+AL+Mylar)*7C+28AWG*1P+28AWG*3C+AL+Braid	8.50	41.40	90.90
WCA00010081	PVC	Black	UL2464	[(28AWG*28C+Mylar)+28AWG*22C+Mylar]+28AWG*28C+Drain+AL	13.00	63.70	238.40
WCA00010096	PVC	Black	UL20276	[3COAX+(28AWG*1P+Drain+AL.Mylar+Mylar)*4+28AWG*1P+28AWG*6C]+AL.Mylar+Braid	8.50	53.50	93.10
WCA00010098	PVC	Black	UL20276	[3COAX+(28AWG*1P+Drain+AL+Mylar)*7+28AWG*1P+28AWG*6C]+AL+Braid	10.00	71.00	145.50
WCA00011960	PU	Black	UL20233	5C*2.5mm ² +Filler+Paper	10.20	116.00	191.00
WCA00011175	PU	Black	UL20549	8C*0.34mm ² +3C*1.0mm ² +Filler	8.60	54.00	116.00
WCA00011176	PU	Black	UL20549	16C*0.34mm ² +3C*1.0mm ² +Filler	9.70	79.00	161.00

Power-limited Circuit Cable

Specifications

- Rated Voltage: 300V
- Temperature Range: FEP: 70 °C
PVC: 60 °C, 75 °C
- Test Voltage: 900V AC at 2 seconds
- Conductor Range: 28AWG ~ 10AWG
- Conductor Material Available: Standard Bare Copper
- Insulator Material Available: FEP/PVC
- Jacket Material: FEP/PVC
- O.D. Tolerance: > Ø17.8 mm



(UL) E489959-N CLXX XX AWG XX°C 300V

CLXX: UL13 Cable Type
 • Plenum Rated: (2P), (3P)
 • Riser Rated: (2R), (3R)
 • General Rated: (2), (3)
 • Residential Rated: (2X), (3X)

XX°C: Temperature Rating
 • FEP: (70)
 • PVC: (60), (75)

Features & Applications:

Type	Fire Resistance Level	UL Standard	CSA	Application
CL3P CL2P	Plenum Rated (Highest)	UL 910, CMP	FT6	• Ducts or plenums air handling space
CL3R CL2R	Riser Rated	UL 1666, CMR	-	• Vertical shafts in non-plenum areas • Cable runs through more than one floor
CL3 CL2	General Purpose Rated	UL 1685, CMG/CM	FT4	• Power-limited circuit cable in non-plenum areas • Cable runs within one floor
CL3X CL2X	Residential Rated (Lowest)	VW-1, CMX	-	• Enclosed in non-plenum raceway or noncombustible tubing • Cable runs within one floor

Notes: UL File Number E489959; round or flat cable available

Find Our Standard Products

Part Number		WCA00011262	WCA00011263	WCA00011435	WCA00011282	WCA00011283*	WCA00011272	WCA00011324
Cable Type		CL3P	CL3P	CL3P	CL3P	CL3P	CL3P	CL3P
Conductor	AWG	10	16	16	16	16	18	22
	No.	2	2	2	8	16	2	2
	Dia.	2.6	1.3	1.3	1.3	1.3	1.02	0.64
Insulation	Nom. Thick.	0.25mm	0.27mm	0.27mm	0.27mm	0.27mm	0.27mm	0.25mm
	Nom. Dia.	3.5±0.1mm	2.00±0.1mm	2.00±0.1mm	2.00±0.1mm	2.00±0.1mm	1.62±0.10mm	1.12±0.05mm
Jacket	Nom. Thick.	0.8mm	0.58mm	0.58mm	0.69mm	0.56mm	0.42mm	0.46mm
	Nom. Dia.	8.8±0.3mm	5.2±0.3mm	5.2±0.3mm	8.0±0.3mm	11.0±0.5mm	4.4±0.15mm	3.4±0.15mm
Conductor Resistance at 20 °C (Max.)		3.41Ω/km	13.7Ω/km	13.7Ω/km	13.7Ω/km	13.7Ω/km	21.9Ω/km	55.4Ω/km

* Upon Request

Other cable types and customization are available upon request.

UL 21996 Multiple-Conductor Cable Using Non-Integral Jacket

Specifications

- Rated Voltage: 300V
- Temperature Range: -40°C ~ 105°C
- Test Voltage: 2000V AC at 1 minute
- Wet Temperature Rating: 60°C (Max.)
- Conductor Range: 30AWG ~ 10AWG
- Conductor Material Available: Tinned Copper
- Insulator Material Available: FEP/PVC
- Shielding Material Available: AL/Mylar: Coverage 100%, Overlap 25% (Min.)
Braid: Tinned Copper, Overlap 65% (Min.)
Spiral: Tinned Copper, Overlap 90% (Min.)
- Jacket Material: PVC
- O.D. Tolerance: > Ø17.8 mm
- Impedance: 100Ω ~ 120Ω ±15Ω



E489039-D AWM 21996 XX AWG -40°C 105°C 300V VW-1 AWM I/II A/B -40°C 105°C 300V FT1 Sun Res Wet 60°C Cable

Application

Internal wiring and external interconnection of electronic equipment. Suitable for outdoor use.

Features

- Reference standard: UL Subject 758, UL1581 & CSA C22.2 No.210.2
- Lead free PVC jacket
- Wide temperature range
- Sunlight resistant
- Passes UL VW-1(horizontal) & CSA FT1 (vertical) flammability tests
- Round or flat cable available
- Mixture, individual or paired conductors available
- UL File Number: E489039

Find Our Standard Products

Single Insulated Conductor Cable

Part Number		WCA00011581-43	WCA00011580-43	WCA00011548-43	WCA00011584-43	WCA00011583-43
Conductor	AWG	20	20	20	24	24
	No.	2	3	4	5	6
	Dia.	0.942mm	0.942mm	0.942mm	0.609mm	0.609mm
Insulation	Nom. Thick.	0.38mm	0.38mm	0.38mm	0.35mm	0.35mm
	Nom. Dia.	1.70±0.10mm	1.70±0.10mm	1.70±0.10mm	1.30±0.07mm	1.30±0.07mm
Shield	Style	-	-	-	-	Paper
	Overlap	-	-	-	-	25%
Conductor Resistance at 20°C (Max.)		34.6 / km	34.6 / km	34.6 / km	93.0 / km	93.0 / km
Jacket	Nom. Thick.	0.98mm	0.92mm	0.95mm	0.92mm	0.95mm
	Nom. Dia.	5.2±0.15mm	5.5±0.20mm	6.0±0.20mm	5.5±0.20mm	5.8±0.20mm

UL 21996 Multiple-Conductor Cable

Using Non-Integral Jacket

Multi-conductor Cable

Part Number		WCA00011532-43		WCA00011530-43		WCA00011531-43		WCA00011582-43	
Component		A	B	A	B	A	B	A	B
Conductor	AWG	12	26	16	26	16	26	20	24
	No.	3	4	2	2	2	2	2	3
	Dia.	2.365mm	0.480mm	1.490mm	0.480mm	1.490mm	0.480mm	0.942mm	0.609mm
Insulation	Nom. Thick.	0.46mm	0.46mm	0.40mm	0.46mm	0.40mm	0.46mm	0.38mm	0.35mm
	Nom. Dia.	3.30±0.15mm	1.40±0.10mm	2.30±0.10mm	1.40±0.10mm	2.30±0.10mm	1.40±0.10mm	1.70±0.10mm	1.30±0.07mm
Shield	Style	-	Al. Mylar	-	Al. Mylar	-	Al. Mylar	-	Paper
	Overlap	-	25%	-	25%	-	25%	-	25%
Drain	AWG	-	26	-	-	-	26	-	-
	Dia.	-	0.480mm	-	-	-	0.480mm	-	-
Conductor Resistance at 20°C (Max.)		5.54 / km	148.0 / km	13.7 / km	148.0 / km	13.7 / km	148.0 / km	34.6 / km	93.0 / km
Jacket	Nom. Thick.	1.65mm		1.65mm		1.65mm		0.9mm	
	Nom. Dia.	13.5±0.40mm		9.3±0.25mm		11.0±0.30mm		6.0±0.20mm	
Impedance		120±15		120±15		120±15		-	

Customization is available upon request.

UL 21388 Jacket Cable

Specifications

- Rated Voltage: 300V
- Temperature Range: ~ 80°C
- Test Voltage: 2000V AC at 1 minute
- Conductor Range: 30AWG ~ 10AWG
- Conductor Material Available: Tinned Copper
- Insulator Material Available: FEP/PVC/PE
- Shielding Material Available: AL/Mylar: Coverage 100%, Overlap 25% (Min.)
Braid: Tinned Copper, Overlap 65% (Min.)
Spiral: Tinned Copper, Overlap 90% (Min.)
- Jacket Material: PVC
- O.D. Tolerance: > Ø17.8 mm
- Impedance: 100Ω ~ 120Ω ±15Ω



E489039-D AWM 21388 XX AWG 80°C 300V VW-1, AWM I/II A/B 80°C 300V FT1 Sun Res Cable

Application

Internal wiring and external interconnection of electronic equipment. Suitable for outdoor use.

Features

- Reference standard: UL Subject 758, UL 1581 & CSA C22.2 No.210.2
- Lead free PVC jacket
- Wide temperature range
- Sunlight resistant
- Passes UL VW-1(horizontal) & CSA FT1 (vertical) flammability tests
- Round or flat cable available
- Mixture, individual or paired conductors available
- UL File Number: E489039

Find Our Standard Products

Part Number		WCA00011201	WCA00011202	WCA00011203	WCA00011204	WCA00011205	WCA00011184
Conductor	AWG	16	16	16	16	16	20
	No.	2	3	4	5	6	2
	Dia.	1.496mm	1.496mm	1.496mm	1.496mm	1.496mm	0.953mm
Insulation	Nom. Thick.	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm
	Nom. Dia.	2.10±0.10mm	2.10±0.10mm	2.10±0.10mm	2.10±0.10mm	2.10±0.10mm	1.50±0.10mm
Shield	Style	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar
	Overlap	25%	25%	25%	25%	25%	25%
Jacket	Nom. Thick.	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm
	Nom. Dia.	6.00±0.20mm	6.50±0.20mm	6.80±0.20mm	7.60±0.20mm	8.40±0.20mm	5.50±0.20mm
Conductor Resistance at 20°C (Max.)		14.7 / km	14.7 / km	14.7 / km	14.7 / km	14.7 / km	36.7 / km

UL 21388 Jacket Cable

Find Our Standard Products

Part Number		WCA00011185	WCA00011186	WCA00011187	WCA00011188	WCA00011189	WCA00011190
Conductor	AWG	20	20	20	20	20	20
	No.	3	4	5	6	7	8
	Dia.	0.953mm	0.953mm	0.953mm	0.953mm	0.953mm	0.953mm
Insulation	Nom. Thick.	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm
	Nom. Dia.	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm
Shield	Style	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar
	Overlap	25%	25%	25%	25%	25%	25%
Jacket	Nom. Thick.	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm
	Nom. Dia.	5.50±0.20mm	6.00±0.20mm	6.20±0.20mm	6.80±0.20mm	6.80±0.20mm	7.20±0.20mm
Conductor Resistance at 20°C (Max.)		36.7 / km	36.7 / km	36.7 / km	36.7 / km	36.7 / km	36.7 / km

Part Number		WCA00011191	WCA00011192	WCA00011193	WCA00011200	WCA00011194
Conductor	AWG	20	20	20	20	20
	No.	9	10	12	14	18
	Dia.	0.953mm	0.953mm	0.953mm	0.953mm	0.953mm
Insulation	Nom. Thick.	0.23mm	0.23mm	0.23mm	0.23mm	0.23mm
	Nom. Dia.	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm	1.50±0.10mm
Shield	Style	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar	Al. Mylar
	Overlap	25%	25%	25%	25%	25%
Jacket	Nom. Thick.	0.76mm	0.76mm	0.76mm	0.76mm	0.76mm
	Nom. Dia.	7.60±0.20mm	8.50±0.25mm	8.50±0.25mm	8.50±0.20mm	10.0±0.30mm
Conductor Resistance at 20°C (Max.)		36.7 / km	36.7 / km	36.7 / km	36.7 / km	36.7 / km

Customization is available upon request.

UL 2464 Multiple-Conductor Cable Using Non-Integral Jacket

Specifications

- Rated Voltage: 300V
- Temperature Range: ~ 80°C
- Test Voltage: 2000V AC at 1 minute
- Conductor Range: 30AWG ~ 10AWG
- Conductor Material Available: Tinned Copper
- Insulator Material Available: FEP/PVC/PE
- Shielding Material Available: AL/Mylar: Coverage 100%, Overlap 25% (Min.)
Braid: Tinned Copper, Overlap 65% (Min.)
Spiral: Tinned Copper, Overlap 90% (Min.)
- Jacket Material: PVC
- O.D. Tolerance: > Ø17.8 mm
- Impedance: 100Ω ~ 120Ω ±15Ω



E489039-D  AWM 2464 XX AWG 80°C 300V VW-1,  AWM I/II A/B 80°C 300V FT1 Cable

Application

Internal wiring and external interconnection of electronic equipment. Suitable for outdoor use.

Features

- Reference standard: UL Subject 758, UL 1581 & CSA C22.2 No.210.2
- Lead free PVC jacket
- Wide temperature range
- Sunlight resistant
- Passes UL VW-1(horizontal) & CSA FT1 (vertical) flammability tests
- Round or flat cable available
- Mixture, individual or paired conductors available
- UL File Number: E489039

Question

Our most popular FAQs will help you to easily find the answers you need.



Q: What connectors can be used for power and signal distribution?

A: Ceres, SENSOR, X-Lok, RBL and HS-Lok connectors. For more detailed information and guide, please refer to our "Product Summary Table".

Q: Can ALTW connectors be used in direct burial?

A: No, they are not designed for this type of application. They should be routed inside a conduit or other means of reinforcement if deployed underground.

Q: Can ALTW connectors be used in continuous water immersion?

A: No, there is a limitation for their immersion to water as defined on each IP rating. Only "Deeptronica" series can be used in permanent immersion.

Q: Why are ALTW connectors called waterproof if they can only be immersed for a certain period? Shouldn't they be called water resistant?

A: As long as the immersion period does not surpass the conditions specified on the IP rating, they can be referred to as waterproof.

Q: What is the Ingress Protection (IP) of ALTW connectors?

A: It ranges from IP65 to IP69K.

Q: Can ALTW connectors be connected/disconnected under load?

A: By default, only connectors for data (RJ45, DVI, HDMI, and USB) can be used in hot-plugging. Power connectors need to be customized to achieve this.

FAQ

Q: Do ALTW connectors comply with MIL STD?

A: No, ALTW connectors are only evaluated under EIA, IEC and UL standards.

Q: What connectors can be used in high-speed base band data transmission?

A: Ceres, X-Lok, M12 D & X-coded, RJ45, DVI, HDMI, USB and FLOS connectors.

Q: Can ALTW connectors be customized to meet certain requirements?

A: Yes, connectors can be customized to meet customer requirements. If a certification is required, it will be applied. If not, ALTW can provide in-house test reports as a confirmation that the pre-defined specifications have been met.

Q: Do ALTW connectors have ATEX certification?

A: No, ALTW connectors are not yet certified by ATEX.

Q: What is the difference between Oleophobic and Hydrophobic protective vents? What is the main function of the vent?

A: These properties refer to the fluid resistance of the membrane in the vent. Hydrophobic means that the membrane is water repelling, while Oleophobic means the membrane is oil repelling.

They are used in applications that require the balancing of internal and external pressures such as electrical cabinets, wireless access points, control hubs and junction boxes. The trapped air inside the enclosures expands or contracts relative to the heat emitted by the components it encloses and the external ambient temperatures.



If your question is not answered here, please contact Amphenol LTW Customer Service or browse our website for more information.
www.amphenolltw.com

Scan here to contact us or e-mail us at sales@ltw-tech.com

UV Resistant

Being resistant to ultraviolet light (UV), or sunlight, means being able to withstand or resist the degradation caused by ultraviolet light. UV light causes non-resistant materials and surfaces to fade or discolor.

Flammability

The ability of a chemical to burn or ignite, causing fire or combustion. The degree of difficulty required to cause the combustion of a chemical is quantified through fire testing.

Flammability can be classified as low (least flame-retarded) to high (most flame-retarded). From lowest to highest it is classified as follows:

- HB - horizontal slow burning: Burning rate under 76mm/min for a thickness below 3mm or the burning stops before 100mm
 - V-2: Burning stops within 30 seconds on a vertical specimen and drips of flaming particles are allowed
 - V-1: Burning stops within 30 seconds on a vertical specimen and drips of particles are allowed as long as they are not inflamed
 - V-0: Burning stops within 10 seconds on a vertical specimen and drips of particles are allowed as long as they are not inflamed
-

IEC

The International Electrotechnical Commission (IEC) is the world's leading organization for the preparation and publication of international standards for all electrical, electronic and related technologies. These are known collectively as “electrotechnology”.

The IEC provides a platform for companies, industries and governments to meet, discuss and develop the international standards they require. All IEC standards are consensus-based and represent the needs of the key stakeholders of every nation participating. Every member country has a vote on what is included into an IEC international standard.

UL 50e

This standard applies to enclosures for electrical equipment intended to be installed and used in non-hazardous locations. It covers additional environmental construction and performance requirements for enclosures.

UL 1863

This standard applies to Safety Communication - circuit Accessories. It covers telecommunications-circuit accessories, such as jack and plug assemblies, quick-connect terminal assemblies, telephone wall plates, telephone extension cords, cross-connect terminal-block assemblies, maintenance terminal modules, terminal enclosures, cable-splice enclosures, network-interface devices, wire-guide assemblies, and connector boxes.

UL 1977

These requirements cover single and multipole connectors intended for factory assembly to copper or copper alloy conductors or printed wiring boards for use in data, signal, control and power applications within and between electrical equipment.

UL 2237

This standard covers multi-point interconnection power cable assemblies. They may consist of power cable assemblies, male or female power cable fittings, panel-mounted power cable/conductor fittings and feeder-tap power cable fittings, referred to as the device in this standard, used with industrial machinery in accordance with the National Fire Protection Association Electrical Standard for Industrial Machinery, NFPA 79 that have system voltages up to and including 1,000 V.

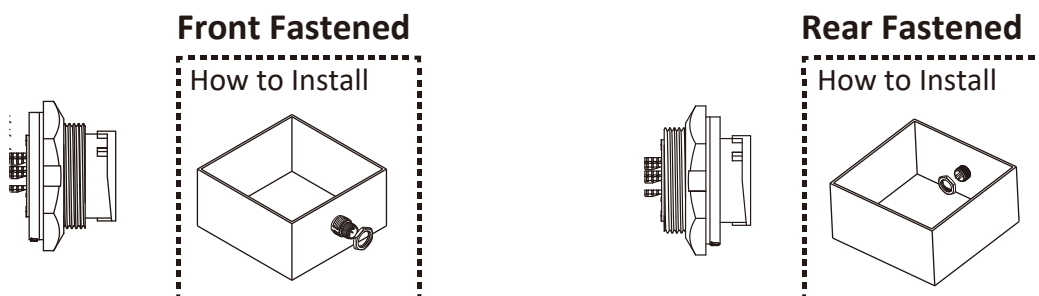
UL 2238

These requirements cover devices intended for inter-connection of equipment, sensors, and actuators in remote-control, signaling, and power-limited circuits. Included are cable assemblies and fittings, feeder-tap cable systems, feed-through connectors, multi-outlet fittings, panel-mount fittings, and splitters. These devices are rated at no more than 60 A and no more than 600 V. These devices are not intended for disconnect means.

LV214

This automotive standard was developed by German car manufacturers Audi, BMW, Daimler, Porsche and Volkswagen. It addresses the ability of terminals to be effectively evaluated by crimp force monitors. The terminals must exhibit certain crimp force to be used in an automotive wire harness.

Fasten Style of Nut



Mating Style

Screw Thread

- Ceres
- RJ45
- Cable Joiner & FICX
- Power
- USB
- M Series
- HDMI
- Cable Gland
- NMEA
- RF
- LED Light Guide
- D-Sub
- DVI
- Vent

2 Points Lock Bayonet

- Ceres
- Power
- USB

3 Points Lock Bayonet

- Ceres
- Power
- RJ45
- Fiber

Push Pull

- M Series
- FLOS & FLOS+
- HS-Lok
- USB

Push Lock With Latches

- RBL
- D-Sub
- SSL

Push Lock

- X-Lok
- USB

Termination Style



ODVA

ODVA is a global association whose members comprise of world's leading automation companies. ODVA's mission is to advance open, interoperable information and communication technologies in industrial automation. The association recognizes its media independent network protocol, the Common Industrial Protocol or "CIP" – and the network adaptations of CIP – EtherNet/IP, DeviceNet, CompoNet and ControlNet – as its core technology and the primary common interest of its membership.

ODVA's vision is to contribute to the sustainability and prosperity of the global community by transforming the model for information and communication technology in the industrial ecosystem.

NMEA 2000

NMEA 2000 is a protocol used to create a network of electronic devices – mainly marine instruments – on a boat. Various instruments that meet the NMEA 2000 standard are connected to one central cable, known as a backbone. The backbone powers each instrument and relays data among all the instruments on the network. This allows one display unit to show many different types of information and allows the instruments to work together. NMEA 2000 is meant to be "plug and play" to allow devices made by different manufacturers to talk and listen to each other.

Amphenol LTW's IPCS (Intelligent Pre-cabling Systems)

Amphenol LTW Intelligent Pre-Cabling System (IPCS) is your solution for the LED Lighting incorporation in indoor and outdoor applications. With a simplified design and wide flexibility, IPCS solves all your needs for electrical wiring and cabling infrastructure. It also provides large savings in on-site installation time and costs. The concept of IPCS is suitable for ALTW's various connector series, ideal for a large variety of customization.

Amphenol LTW's Power / Data / Hybrid Solutions

We are dedicated to developing interconnect solution to fulfill customer requirements of power or data applications, and as devices increasingly carry more functions in reduced spaces, Hybrid solutions are the answer to space limitation and multi-function. Below is the product series for Power, Data, and Hybrid applications.

0.5A ~ 2A

- Ceres
- X-Lok
- M Series
- D-Sub
- DVI
- HDMI
- USB
- HS-Lok
- FLOS & FLOS+

3A ~ 5A

- Ceres
- X-Lok
- M Series
- D-Sub
- SSL
- RBL
- HS-Lok
- FLOS & FLOS+
- NMEA 2000
- USB

6A ~ 10A

- Ceres
- X-Lok
- M Series
- Power
- Mini
- RBL
- FLOS & FLOS+
- NMEA 2000
- USB
- Cable Joiner & FICX

11A ~ 20A

- Ceres
- X-Lok
- M Series
- Power
- Mini
- RBL
- FLOS & FLOS+
- Cable Joiner & FICX

25A ~ 30A

- M Series
- FLOS & FLOS+
- Power

50A

- X-Lok
- Power

80A

- X-Lok
- Power

120A ~ 150A

- Power

Cross Section Conversion From AWG To mm²

26 AWG	0.14 mm ²	16 AWG	1.50 mm ²	4 AWG	25.00 mm ²
24 AWG	0.25 mm ²	14 AWG	2.50 mm ²	2 AWG	35.00 mm ²
22 AWG	0.34 mm ²	12 AWG	4.00 mm ²	1 AWG	50.00 mm ²
20 AWG	0.50 mm ²	10 AWG	6.00 mm ²	2/0 AWG	70.00 mm ²
18 AWG	0.75 mm ²	8 AWG	10.00 mm ²		
17 AWG	1.00 mm ²	6 AWG	16.00 mm ²		

Ingress Protection (IP) Rating Guide

Waterproof Definition

Unmated Waterproof



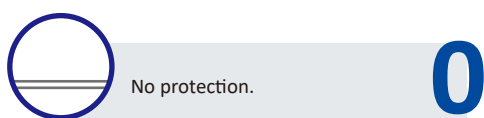
Standalone waterproof or waterproof is assured even without its counterpart. The water will not go through the inner portion of the exposed connector as it is entirely sealed.

Mated Waterproof



Waterproof is only assured when mated and locked tightly to its counterpart.

1st numeral - solid foreign objects



No protection.

0



Protected against solid foreign objects of 50 mm Ø and greater.

1



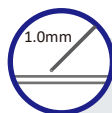
Protected against solid foreign objects of 12,5 mm Ø and greater.

2



Protected against solid foreign objects of 2,5 mm Ø and greater.

3



Protected against solid foreign objects of 1,0 mm Ø and greater.

4



Dust-protected.

5



Dust-tight.

6

Example:



IP 65

Protected against water jets.

Dust-tight.

2nd numeral - water



No protection.

0



Protected against vertically falling water drops.

1



Protected against vertically falling water drops when enclosure tilted up to 15°.

2



Protected against spraying water.

3



Protected against splashing water.

4



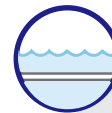
Protected against water jets.

5



Protected against powerful water jets.

6



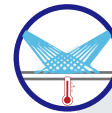
Protected against the effects of temporary immersion in water.

7



Protected against the effects of continuous immersion in water.

8



Protected against high pressure and temperature water jets.

9K

Amphenol LTW Technology Co., Ltd.

5F-3, No.51, Sec.4, Zhongyang Rd., Tucheng Dist., New Taipei City 236 Taiwan

Telephone : +886-2-7741-6888 Fax : +886-2-7741-6999

Email : sales@ltw-tech.com Web: amphenolltw.com

Kunshan Factory

No.62, DaTong Road, Development Zone, Kunshan City, JiangSu Province 215333 China

Telephone : +86-512-5761-0501 Fax : +86-512-5761-0515

For further information , please contact :

Luc Kan | Sales and Marketing

Email : luc@ltw-tech.com

