

# Product Range Overview

Sub-Series Name	B	K	K (FLO+)
Mating Style	Push Pull	Push Pull	Push Pull
Plastic Version	-	-	-
Metal Version	✓	✓	✓
No. of Contacts	2 ~19	2 ~19	2 ~19
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated
Operating Voltage	160V ~ 600V	160V ~ 600V	160V ~ 600V
Current Rating	1.5A ~ 25A	1.5A ~ 25A	1.5A ~ 25A
Operating Temperature		<ul style="list-style-type: none"> <li>• Receptacle : -40°C ~ 125°C</li> <li>• Overmolded with Cable : -20°C ~ 80°C</li> <li>• Field Installable : -40°C ~ 125°C</li> </ul>	
Fasten Style of Nut	Front & Rear	Front & Rear	Front & Rear
Receptacle	✓	✓	✓
Overmolded With Cable	✓	✓	✓
Field Installable	✓	✓	✓
Accessories	✓	✓	✓
Applicable Wire Gauge	16AWG ~ 28WG (1.50 ~ 0.08mm <sup>2</sup> )	16AWG ~ 28WG (1.50 ~ 0.08mm <sup>2</sup> )	16AWG ~ 28WG (1.50 ~ 0.08mm <sup>2</sup> )
Mating Cycles	5,000 Cycles	5,000 Cycles	5,000 Cycles
IP Rating	IP50 (Mated)	<ul style="list-style-type: none"> <li>• Receptacle &amp; Overmolded With Cable : IP68 (Mated, 1.5M / 24h)</li> <li>• Field Installable : IP68 (Mated By Applying O-ring &amp; Potting Material, 1.5M / 24h)</li> </ul>	<ul style="list-style-type: none"> <li>• Receptacle : IP68 (Unmated, 1.5M / 24h)</li> <li>• Overmolded With Cable : IP68 (Mated, 1.5M / 24h)</li> <li>• Field Installable : IP68 (Mated, 1.5M / 24h)</li> </ul>
Salt Spray	144h	144h	1,000h
UV Resistant	-	-	-
Flammability Rating	UL94V-0	UL94V-0	UL94V-0
Vibration	Frequency Range 10~55Hz / Amplitude 1.52mm		
EMI Option	✓	✓	✓
RoHS 2.0 Compliant	✓	✓	✓
REACH Compliant	✓	✓	✓

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C	S	E	P	N
Push Pull	Push Pull	Push Pull	Push Pull	Push Pull
-	-	-	✓	-
✓	✓	✓	-	✓
2 ~19	1	1	2 ~ 14	2 ~19
Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated
160V ~ 700V	260V ~ 1,000V	260V ~ 1,000V	200V ~ 400V	200V ~ 800V
1.5A ~ 20A	15A	15A	2A ~ 10A	5A ~ 22A
<ul style="list-style-type: none"> <li>• Receptacle : -40°C ~ 125°C</li> <li>• Overmolded with Cable : -20°C ~ 80°C</li> <li>• Field Installable : -40°C ~ 125°C</li> </ul>				
Front & Rear	Front	Front	Front & Rear	Front & Rear
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
-	-	-	-	-
3,000 Cycles	3,000 Cycles	3,000 Cycles	2,000 Cycles	3,000 Cycles
IP68 (Mated, 1.5M / 24h)	IP50 (Mated)	IP68 (Mated, 1.5M / 24h)	IP50 / IP66 (Mated)	IP68 (Mated, 1.5M / 24h)
144h	144h	144h	-	144h
-	-	-	✓	-
UL94V-0	UL94V-0	UL94V-0	UL94V-0	UL94V-0
Frequency Range 10~55Hz / Amplitude 1.52mm				
✓	✓	✓	-	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓

FLO & FLO+