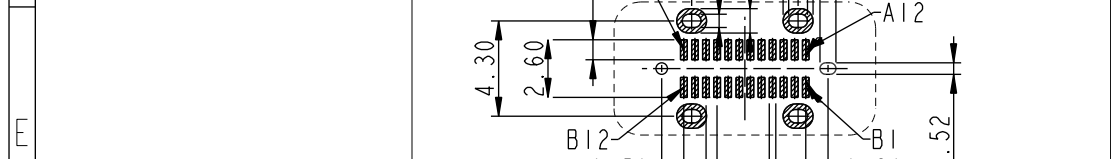
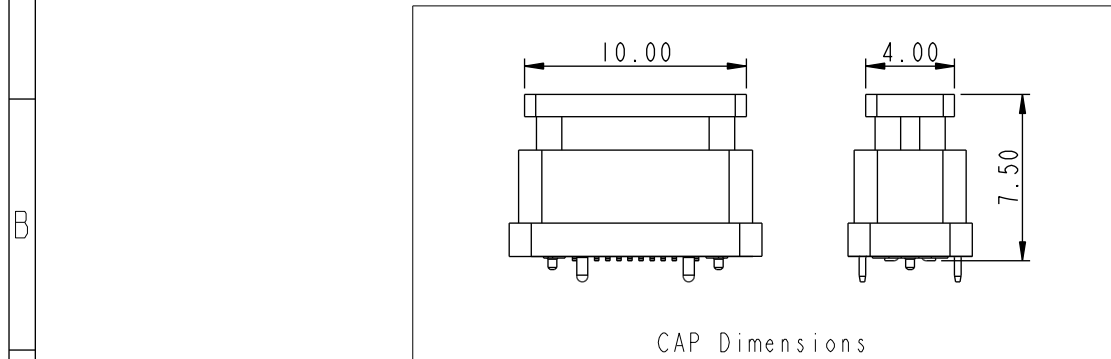



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D	PIN DEFINITION											
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
	GND	TX1+	TX1-	VB _{us}	CC1	D+	D-	SBUI	VB _{us}	RX2-	RX2+	GND
	GND	RX1+	RX1-	VB _{us}	SBU2	D-	D+	CC2	VB _{us}	TX2-	TX2+	GND
	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

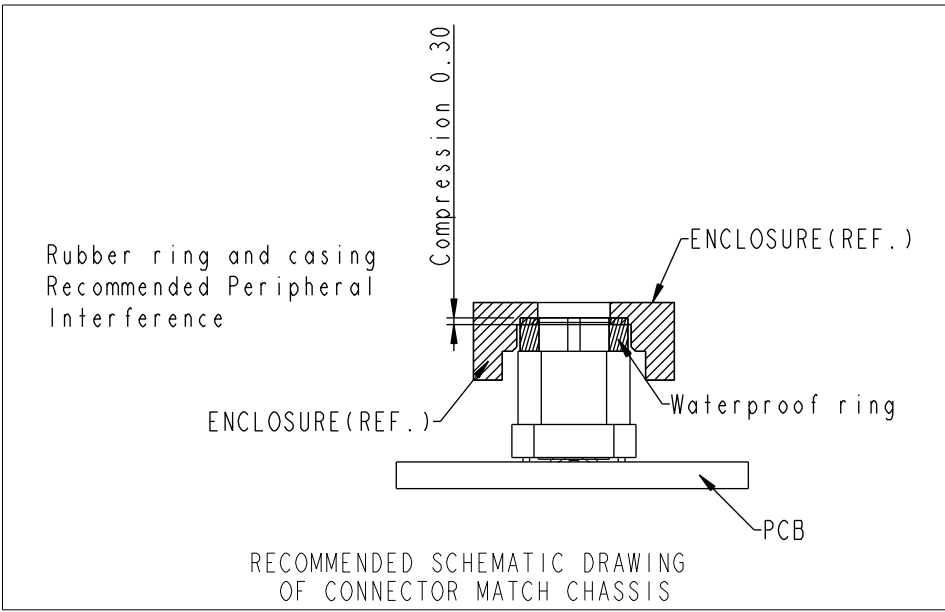
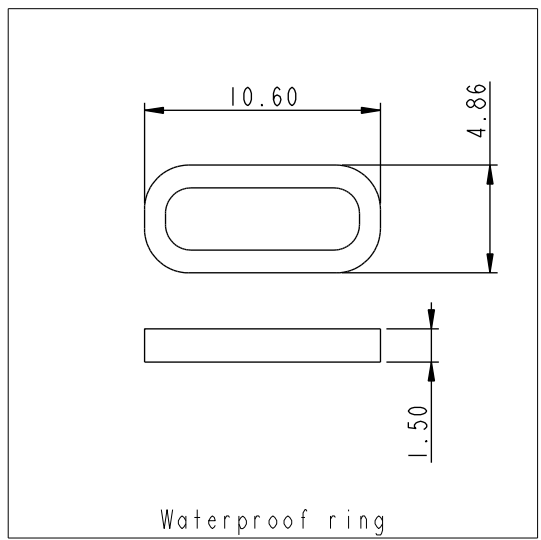
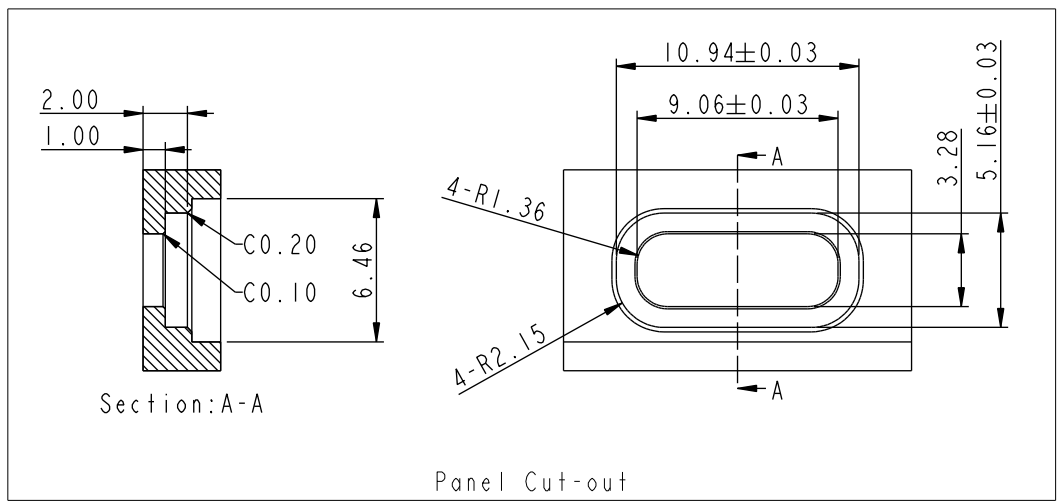


Note:

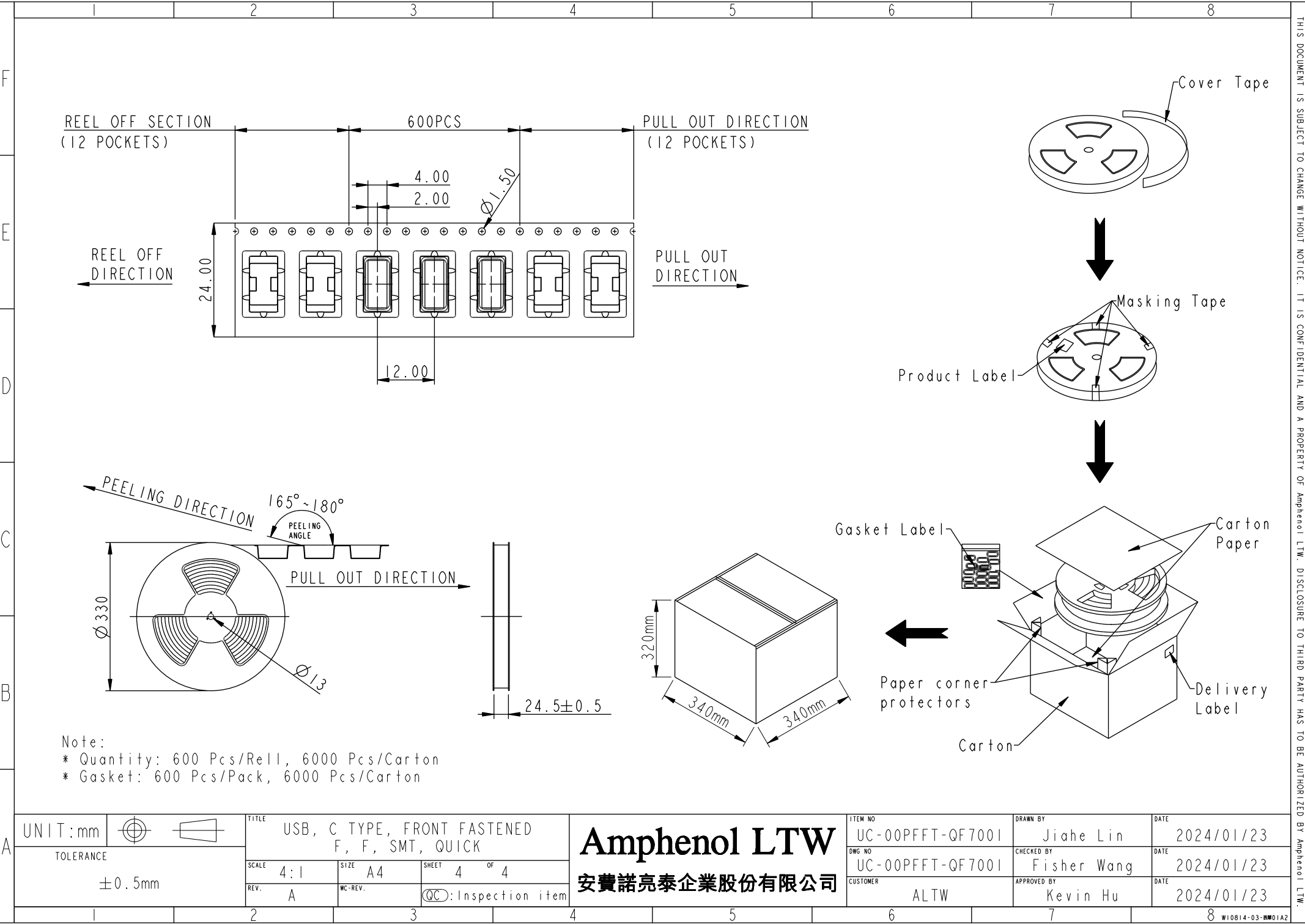
- * RoHS Compliant
- *  Important dimension
- * Waterproof rate: IP67, unmated
- * Connector
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - Shell: Thermoplastic, Black
 - Shield: Metal
- * Insertion force: 0.5~2.0kgf
- * Extraction force: 0.8kgf~2.0kgf
0.6kgf~2.0kgf. After durability test
- * Durability: 10000 Cycles
- * Current rating: 5.0A
- * Voltage rating: 20V
- * LLCR:
 - VBUS & GND PINS AND
 - OTHER PINS: 40mA/PIN MAX
 - Shield: 50mA/MAX
 - LLCR MAX. Change of all pins: 10mA
- * Insulation resistance: 100M Ω MIN
- * Dielectric withstand voltage,
AC 100v for 1 minute
- * Operating temperature: -25°C~+85°C
- * IR Reflow:
The peak temperature on the board shall
be maintained for 10 seconds at 260°C
- * Salt spray test requires 48h

A	UNIT:mm				TITLE USB, C TYPE, FRONT FASTENED F, F, SMT, QUICK			<div>Amphenol LTW</div> <div>安費諾亮泰企業股份有限公司</div>			ITEM NO UC-00PFFT-QF700I		DRAWN BY Jiahe Lin		DATE 2024/01/23				
	TOLERANCE ±0.5mm				SCALE 4:1		SIZE A4				SHEET 2 OF 4		DWG NO UC-00PFFT-QF700I		CHECKED BY Fisher Wang		DATE 2024/01/23		
					REV. A		WC-REV.				QC: Inspection item		CUSTOMER ALTW		APPROVED BY Kevin Hu		DATE 2024/01/23		
	1		2		3		4				5		6		7		8		
														WI0814-03-0001A2					

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A	UNIT:mm				TITLE		USB, C TYPE, FRONT FASTENED F, F, SMT, QUICK		Amphenol LTW 安費諾亮泰企業股份有限公司		ITEM NO		UC-00PFFT-QF700I		DRAWN BY		Jiahe Lin		DATE		2024/01/23												
	TOLERANCE ±0.5mm				SCALE		4:1				SIZE		A4		SHEET		3		OF		4		DATE		2024/01/23								
					REV.		A				WC-REV.				QC:Inspection item		CUSTOMER		ALTW		APPROVED BY		Kevin Hu		DATE		2024/01/23						
			1				2						3				4				5				6				7				8



Note:
* Quantity: 600 Pcs/Reel, 6000 Pcs/Carton
* Gasket: 600 Pcs/Pack, 6000 Pcs/Carton

UNIT:mm			TITLE	
			USB, C TYPE, FRONT FASTENED	
			F, F, SMT, QUICK	
TOLERANCE		SCALE	SIZE	SHEET
		4:1	A4	4
		REV.	WC-REV.	QC:Inspection item
		A		

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	UC-00PFFT-QF700I	DRAWN BY	Jiahe Lin	DATE	2024/01/23
DWG NO	UC-00PFFT-QF700I	CHECKED BY	Fisher Wang	DATE	2024/01/23
CUSTOMER	ALTW	APPROVED BY	Kevin Hu	DATE	2024/01/23

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