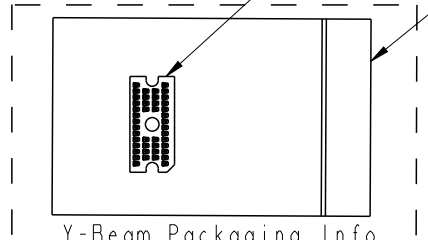
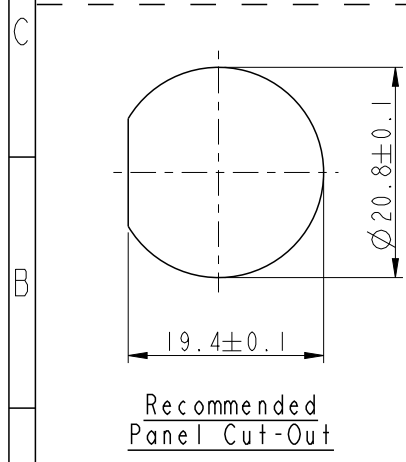
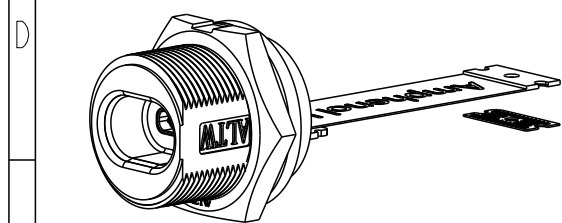
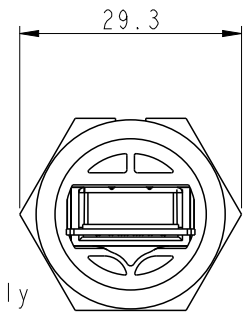
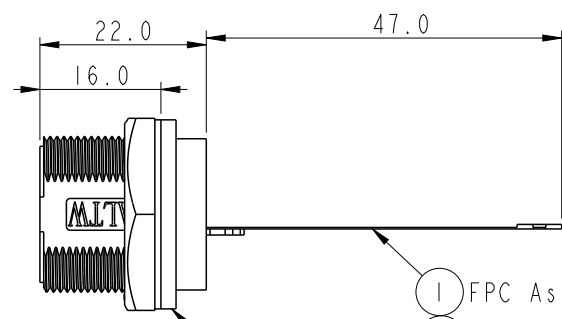
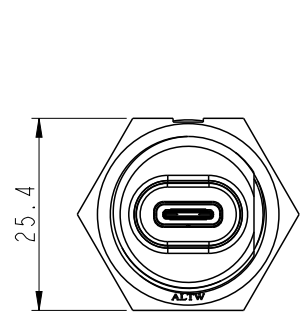
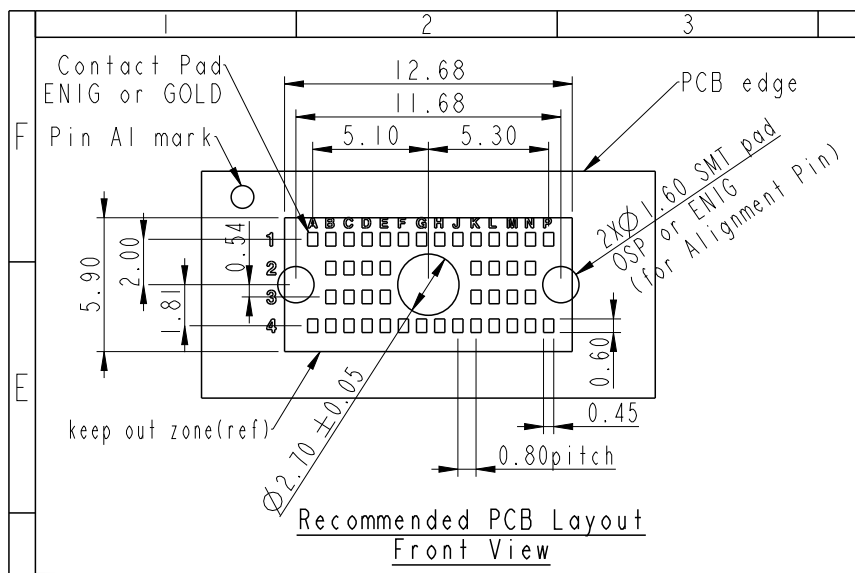


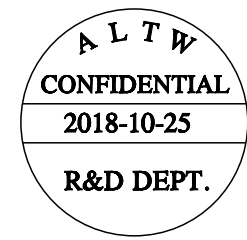
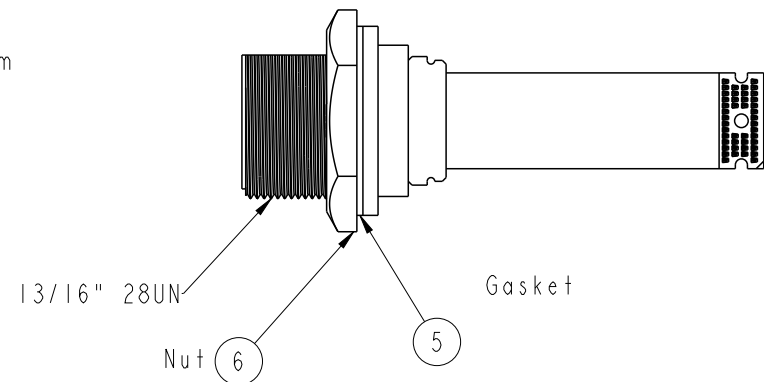
THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

REV.	DESCRIPTION
B	Remove Screw, Nut, alignment pin



	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1	GND	GND	SBU1	SBU2	GND	Vbus	Vbus	Vbus	Vbus	GND	CC1	CC2	GND	GND
2		GND	TX1+	TX1-	Vbus					Vbus	RX2-	RX2+	GND	
3		RX1+	RX1-	GND	Vbus					Vbus	GND	TX2-	TX2+	
4	Shield	GND	GND	D+	D-	Vbus	Vbus	Vbus	Vbus	Vbus	GND	GND	GND	Shield

PCB Pin Assignment



- Note:
- * ⌀ Important Dimension
 - * Waterproof Rate: IP67(Unmated)
 - * Connector: USB Type C Female
 - * Housing: Thermoplastic,Black
 - * O-Ring: Silicone, Gray
 - * Panel Thickness max: 4.0mm

UNIT:mm		TOLERANCE		TITLE		Amphenol LTW		ITEM NO		DRAWN BY		DATE	
.X ±0.25		.XX ±0.1		USB 3.1 Type C		安費諾亮泰企業股份有限公司		UC-3IPMFY-SC7001		Sam Ho		2018-10-25	
.XXX ±0.05		ANGLES ±1°		Panel Screw M Conn Jack with FPC				UC-3IPMFY-SC7001		Fred Lee		2018-10-25	
SCALE 1:1		SIZE A4		SHEET 1 OF 2				CUSTOMER ALTW		APPROVED BY Fred Lee		DATE 2018-10-25	
REV. B		WC-REV. A.1		QC: Inspection item									

1		2		3		4		5		6		7		8																																																																										
ALTW CONFIDENTIAL 2018-10-25 R&D DEPT.				REV.		ECN NO.		DATE		SIGN		DESCRIPTION																																																																												
<table><tr><td>Shell</td><td>Ground (GND)</td><td>P4, A4</td></tr><tr><td>A1, B1, A12, B12</td><td>Ground (GND)</td><td>P1, N1, K1, E1, B1, A1 N2, B2 L3, D3 N4, M4, L4, C4, B4</td></tr><tr><td>A4, B4, A9, B9</td><td>VBUS</td><td>J1, H1, G1, F1 K2, E2 K3, E3 K4, J4, H4, G4, F4</td></tr><tr><td>A2</td><td>SSTXp1</td><td>C2</td></tr><tr><td>A3</td><td>SSTXn1</td><td>D2</td></tr><tr><td>A5</td><td>CC1</td><td>L1</td></tr><tr><td>A6</td><td>Dp1</td><td>D4</td></tr><tr><td>A7</td><td>Dn1</td><td>E4</td></tr><tr><td>A8</td><td>SBU1</td><td>C1</td></tr><tr><td>A10</td><td>SSRXn2</td><td>L2</td></tr><tr><td>A11</td><td>SSRXp2</td><td>M2</td></tr><tr><td>B2</td><td>SSTXp2</td><td>N3</td></tr><tr><td>B3</td><td>SSTXn2</td><td>M3</td></tr><tr><td>B5</td><td>CC2</td><td>M1</td></tr><tr><td>B6</td><td>Dp2</td><td>D4</td></tr><tr><td>B7</td><td>Dn2</td><td>E4</td></tr><tr><td>B8</td><td>SBU2</td><td>D1</td></tr><tr><td>B10</td><td>SSRXn1</td><td>C3</td></tr><tr><td>B11</td><td>SSRXp1</td><td>B3</td></tr><tr><td>USB</td><td>Signal Assignment</td><td>FPC</td></tr><tr><td colspan="3">Pin Map</td></tr></table>				Shell	Ground (GND)	P4, A4	A1, B1, A12, B12	Ground (GND)	P1, N1, K1, E1, B1, A1 N2, B2 L3, D3 N4, M4, L4, C4, B4	A4, B4, A9, B9	VBUS	J1, H1, G1, F1 K2, E2 K3, E3 K4, J4, H4, G4, F4	A2	SSTXp1	C2	A3	SSTXn1	D2	A5	CC1	L1	A6	Dp1	D4	A7	Dn1	E4	A8	SBU1	C1	A10	SSRXn2	L2	A11	SSRXp2	M2	B2	SSTXp2	N3	B3	SSTXn2	M3	B5	CC2	M1	B6	Dp2	D4	B7	Dn2	E4	B8	SBU2	D1	B10	SSRXn1	C3	B11	SSRXp1	B3	USB	Signal Assignment	FPC	Pin Map																								
				Shell	Ground (GND)	P4, A4																																																																																		
				A1, B1, A12, B12	Ground (GND)	P1, N1, K1, E1, B1, A1 N2, B2 L3, D3 N4, M4, L4, C4, B4																																																																																		
				A4, B4, A9, B9	VBUS	J1, H1, G1, F1 K2, E2 K3, E3 K4, J4, H4, G4, F4																																																																																		
				A2	SSTXp1	C2																																																																																		
				A3	SSTXn1	D2																																																																																		
				A5	CC1	L1																																																																																		
				A6	Dp1	D4																																																																																		
				A7	Dn1	E4																																																																																		
				A8	SBU1	C1																																																																																		
				A10	SSRXn2	L2																																																																																		
				A11	SSRXp2	M2																																																																																		
				B2	SSTXp2	N3																																																																																		
				B3	SSTXn2	M3																																																																																		
				B5	CC2	M1																																																																																		
				B6	Dp2	D4																																																																																		
				B7	Dn2	E4																																																																																		
				B8	SBU2	D1																																																																																		
B10	SSRXn1	C3																																																																																						
B11	SSRXp1	B3																																																																																						
USB	Signal Assignment	FPC																																																																																						
Pin Map																																																																																								
<table><tr><td></td><td>P</td><td>N</td><td>M</td><td>L</td><td>K</td><td>J</td><td>H</td><td>G</td><td>F</td><td>E</td><td>D</td><td>C</td><td>B</td><td>A</td></tr><tr><td>1</td><td>GND</td><td>GND</td><td>CC2</td><td>CC1</td><td>GND</td><td>Vbus</td><td>Vbus</td><td>Vbus</td><td>Vbus</td><td>GND</td><td>SBU2</td><td>SBU1</td><td>GND</td><td>GND</td></tr><tr><td>2</td><td></td><td>GND</td><td>RX2+</td><td>RX2-</td><td>Vbus</td><td colspan="4"></td><td>Vbus</td><td>TX1-</td><td>TX1+</td><td>GND</td><td></td></tr><tr><td>3</td><td></td><td>TX2+</td><td>TX2-</td><td>GND</td><td>Vbus</td><td colspan="4"></td><td>Vbus</td><td>GND</td><td>RX1-</td><td>RX1+</td><td></td></tr><tr><td>4</td><td>Shield</td><td>GND</td><td>GND</td><td>GND</td><td>Vbus</td><td>Vbus</td><td>Vbus</td><td>Vbus</td><td>Vbus</td><td>D-</td><td>D+</td><td>GND</td><td>GND</td><td>Shield</td></tr></table>															P	N	M	L	K	J	H	G	F	E	D	C	B	A	1	GND	GND	CC2	CC1	GND	Vbus	Vbus	Vbus	Vbus	GND	SBU2	SBU1	GND	GND	2		GND	RX2+	RX2-	Vbus					Vbus	TX1-	TX1+	GND		3		TX2+	TX2-	GND	Vbus					Vbus	GND	RX1-	RX1+		4	Shield	GND	GND	GND	Vbus	Vbus	Vbus	Vbus	Vbus	D-	D+	GND	GND	Shield
	P	N	M	L	K	J	H	G	F	E	D	C	B	A																																																																										
1	GND	GND	CC2	CC1	GND	Vbus	Vbus	Vbus	Vbus	GND	SBU2	SBU1	GND	GND																																																																										
2		GND	RX2+	RX2-	Vbus					Vbus	TX1-	TX1+	GND																																																																											
3		TX2+	TX2-	GND	Vbus					Vbus	GND	RX1-	RX1+																																																																											
4	Shield	GND	GND	GND	Vbus	Vbus	Vbus	Vbus	Vbus	D-	D+	GND	GND	Shield																																																																										
FPC Pin Assignment																																																																																								

UNIT: mm				TITLE USB 3.1 Type C Panel Screw M Conn Jack with FPC		ITEM NO UC-3IPMFY-SC7001		DRAWN BY Sam Ho		DATE 2018-10-25	
TOLERANCE .X ±0.25 .XX ±0.1 .XXX ±0.05 ANGLES ±1°		SCALE 1:1		SIZE A4		DWG NO UC-3IPMFY-SC7001		CHECKED BY Fred Lee		DATE 2018-10-25	
		REV. B		WC-REV. A.1		CUSTOMER ALTW		APPROVED BY Fred Lee		DATE 2018-10-25	

Amphenol LTW

安費諾亮泰企業股份有限公司

W10814-03-0001A2

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[UC-00PMFY-SC7001](#)