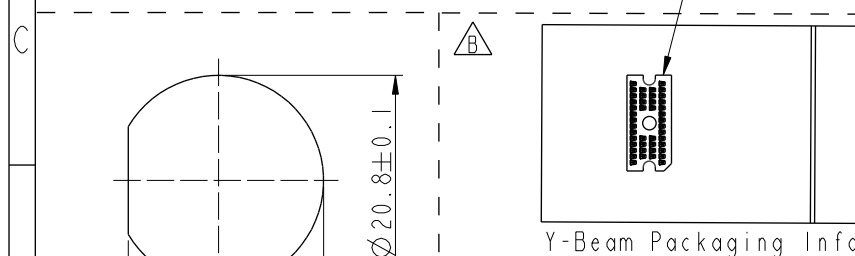
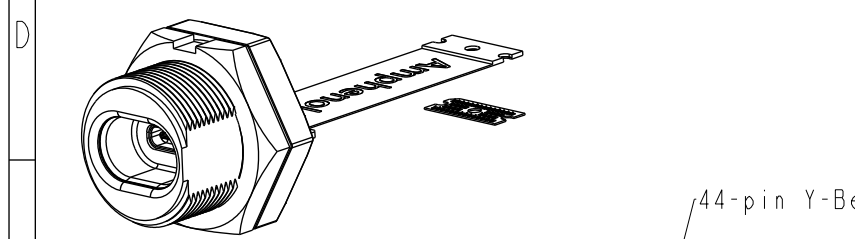
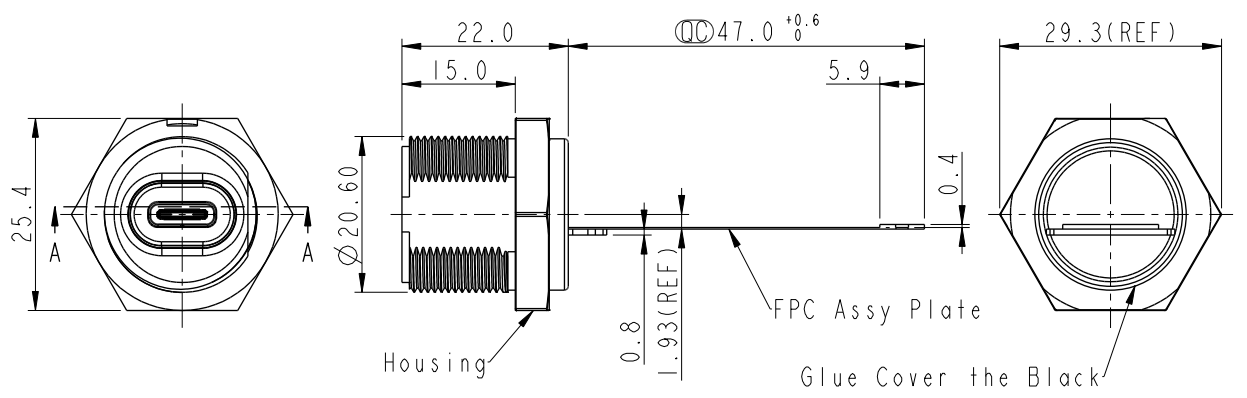
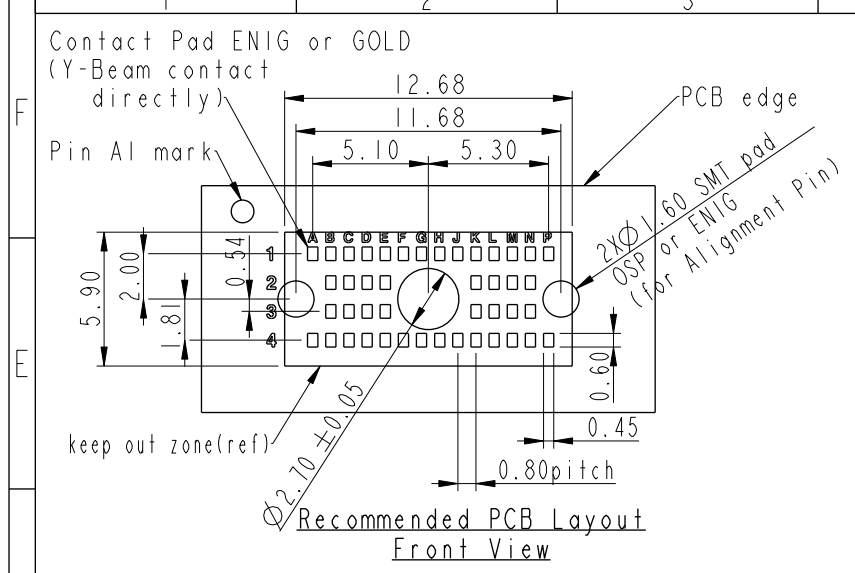


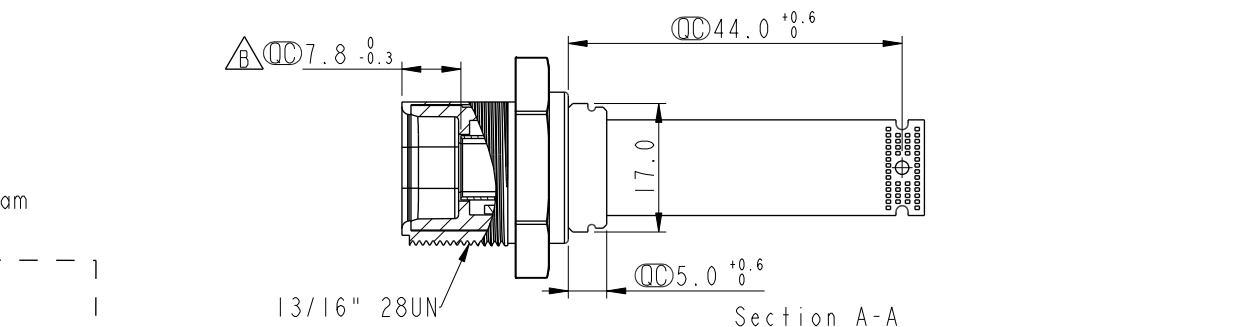
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REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2021-05-05	Allen Pan	Rev.01 To Rev.A
B	C221759	2022-11-14	Allen Pan	Δ B x2



	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

UNIT:mm		TITLE
TOLERANCE		USB, C TYPE SHLD, FRONT FASTENED
.X	± 0.25	M, F, Y-BEAM, SCREW
.XX	± 0.1	
.XXX	± 0.05	
ANGLES	$\pm 1^\circ$	
SCALE	1:1	SIZE A4
REV.	B	WC-REV. A.2
		SHEET 1 OF 2
		QC: Inspection item

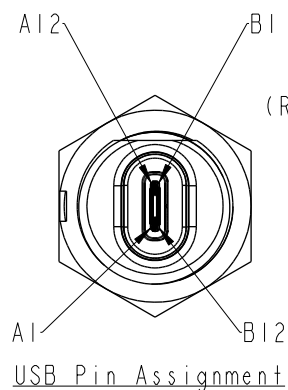


- Note:
- * RoHS Compliant
 - * ϕ Important Dimension
 - * Waterproof Rate: IPX7, Unmated
 - * Connector: USB Type C Female
 - * Housing: Thermoplastic, Black
 - * Shield/Nut: Metal
 - * O-Ring: Rubber, Gray
 - * For Panel Thickness Max: 4.0mm
 - * Recommended Nut Torque: 4-6kgf.cm.
 - * O-Ring and Nut are assembled on connectors

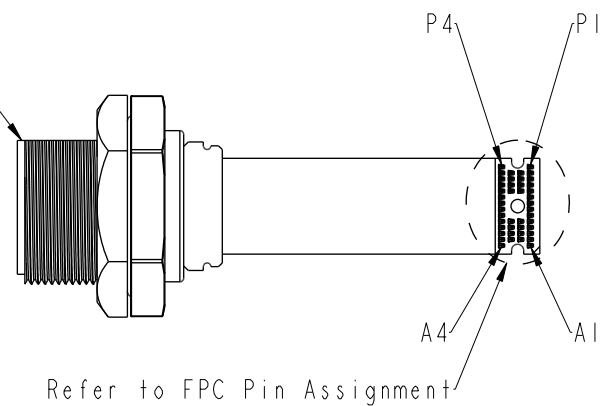
ITEM NO	USC-00PMFY-SC7001	DRAWN BY	Allen Pan	DATE	2021-05-05
DWG NO	USC-00PMFY-SC7001	CHECKED BY	Sam Ho	DATE	2021-05-05
CUSTOMER	ALTW	APPROVED BY	Fred Lee	DATE	2021-05-05

Amphenol LTW
安費諾亮泰企業股份有限公司

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	SBUI	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		



Reference
(Receptacle D-Cut)



	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	SBUI	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, C TYPE SHLD, FRONT FASTENED M, F, Y-BEAM, SCREW		Amphenol LTW 安費諾亮泰企業股份有限公司		ITEM NO USC-00PMFY-SC7001		DRAWN BY Allen Pan		DATE 2021-05-05	
TOLERANCE .X .XX .XXX ANGLES		SCALE 1:1	SIZE A4	SHEET 2 OF 2		DWG NO USC-00PMFY-SC7001		CHECKED BY Sam Ho		DATE 2021-05-05	
		REV. B	WC-REV. A.2	QC:Inspection item		CUSTOMER ALTW		APPROVED BY Fred Lee		DATE 2021-05-05	