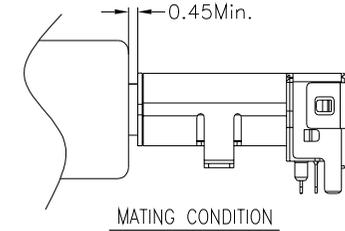
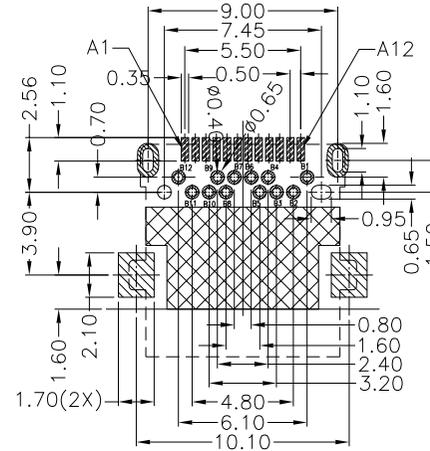
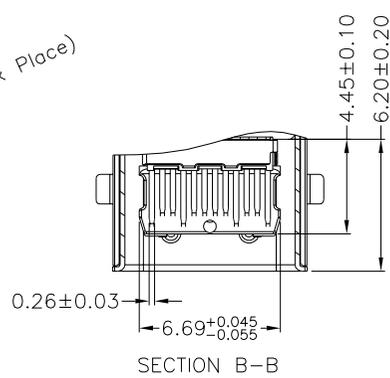
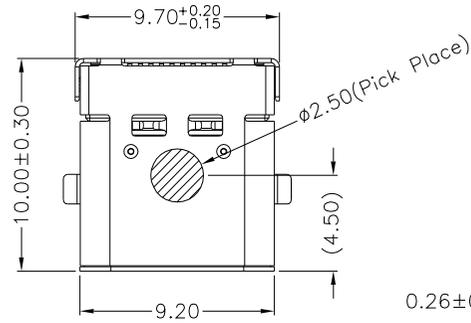


THE PART MEETS TECONN "GPO01" COMPLIANCE NEW REV.



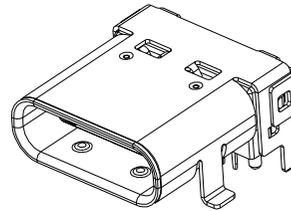
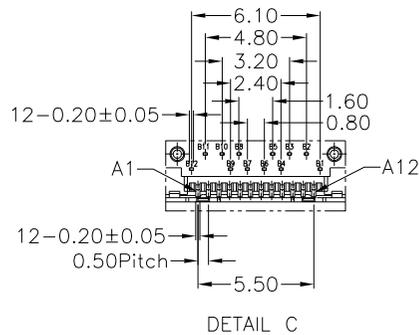
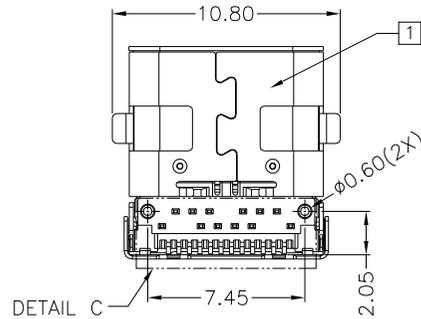
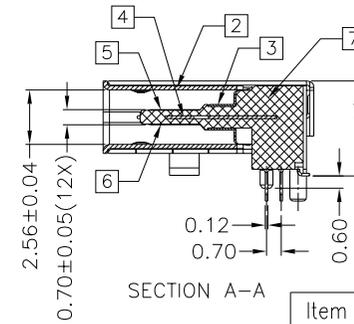
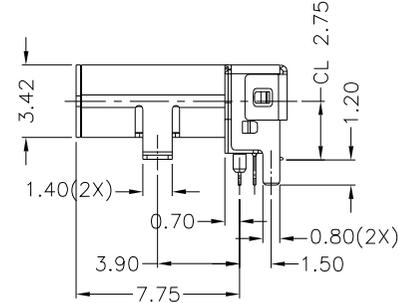
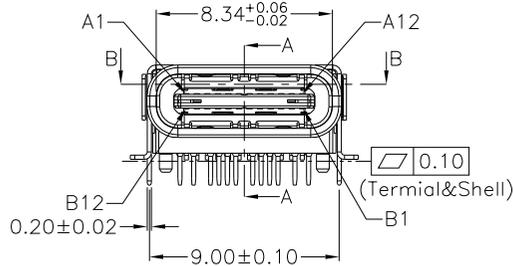
RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

- Pad area
- No copper area
- Keep out area
- GND pattern only

NOTE:

1. Electrical Characteristics:
 - 1.1 Contact Resistance: 40mΩ Max. for initial 10mΩ Change after test. Measure at 20mV/100mA
 - 1.2 Contact Current Rating: 5A for VBUS Pin 1.25A for VCONN Pin
 - 1.3 Dielectric Withstanding Voltage: 100VAC R.M.S
 - 1.4 Insulation Resistance: 100MΩ Min.
 - 1.5 Operating Temperature: -40°C~+85°C
2. Mechanical Characteristics:
 - 2.1 Mating Force: 5~20N
 - 2.2 Unmating Force: 8~20N (Initial) 6~20N (After Durability)
 - 2.3 Durability: 10,000 Cycles
3. Package: Reel



A4Q2402-A-XX-R

Mating Area plating

- 01: Au 1u"Min.
- 03: Au 3u"Min.
- 05: Au 5u"Min.
- 10: Au 10u"Min.
- 15: Au 15u"Min.
- 30: Au 30u"Min.

Item	Title	Material	Dispose	Q'TY
1	Out Shell	Stainless Steel	Ni:40u" Plating Overall	1
2	In Shell	Stainless Steel	Ni:40u" Plating Overall	1
3	EMC Plate	Stainless Steel		2
4	Mid Plate	Stainless Steel		1
5	Top Contact	Copper Alloy	Ni 50u"Min. Under plating Overall	12
6	Bottom Contact	Copper Alloy	Contact Area: Au G/F Solder Area: Tin 100u" Min.	12
7	Insulator	LCP Black	UL 94V-0	1

X. ± 0.30	APPD:	Henry Sun
.X ± 0.20	CHKD:	
.XX ± 0.15	DR:	Lebon Lee
.XXX ±		
X' ± 2'		
.X' ± 1.5'		

TITLE:	USB Type C Female
	H=4.46mm Hybrid Type
PART NO:	A4Q2402-A-XX-R

UNITS:	mm
SCALE:	3:1
DWG NO:	CUSTOMER DRAWING
	C-A4Q2402-A-XX-R



REV	ECN NO	DESCRIPTION	DESIGN	DATE
A	TE2018-0058	New Drawing	LEBON	2018/06/12

SHEET: 10F1
REV: A