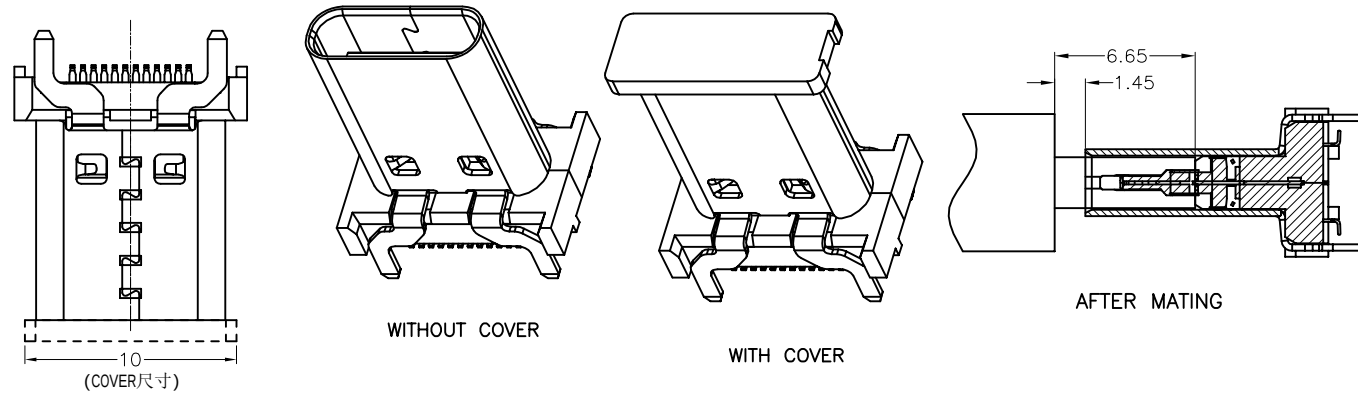


THE PART MEETS TECONN "GP001" COMPLIANCE NEW REV.



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA

A4Q2403-D-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.

- 1.Contact Resistance:40mOHM Max.;
- 2.Dielectric Withstanding Voltage:100V AC For 1 Minute;
- 3.Insulation Resistance:100M OHM Min.;
- 4.Mating And Unmating Force:
Mating Force: 5~20N
Unmating Force: 8~20N;
6~20N AFTER TEST;
- 5.Durability:10000 Cycles;

Item	Title	Material	Dispose	Q'TY
1	Shell	Stainless Steel	Ni:30u" Min.	1PCS
2	GND Plate	Stainless Steel		2PCS
3	Mid Plate	Stainless Steel		1PCS
4	Contact	Copper Alloy	Mating Area: See P/N Solder Tails: Matt Tin	24PCS
5	InsertMolding	High Temperature Plastic	UL 94V-0 Black	1PCS
6	COVER	High Temperature Plastic	UL 94V-0 Black	1PCS

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

REV	ECN NO	DESCRIPTION	DESIGN	DATE
B	TE2020-0264	Change Molding structure	Quan Lei	2020/11/17
A	TE2019-0213	New Drawing	Quan Lei	2019/10/08

X. ± 0.35	APPD: Lebon Lee	TITLE: USB 3.1 TYPE C FEMALE VERTICAL H12.0mm SMT TYPE	
.X ± 0.25	CHKD: /	DR: Quan Lei	
.XX ± 0.15		PART NO: A4Q2403-D-XX-R	
.XXX ± 0.10		DWG NO: CUSTOMER DRAWING	
X" $\pm 2^{\circ}$		SCALE: 3:1	
X" $\pm 1.5^{\circ}$		UNITS: mm	SHEET:10F1
			REV: B