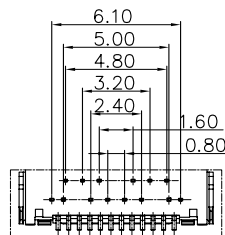
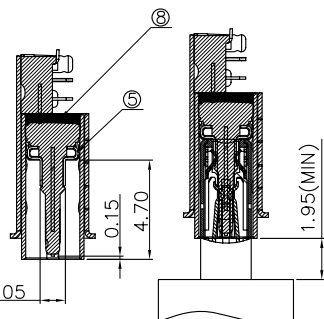
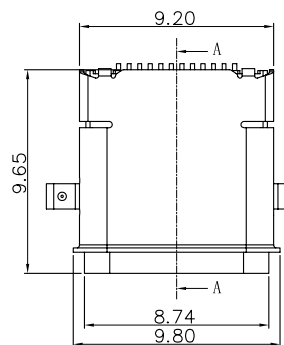
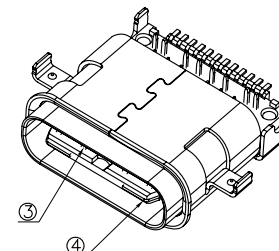
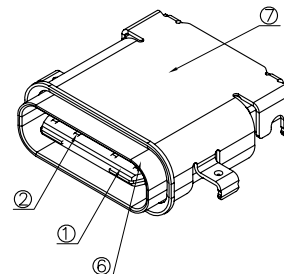


RoHS2.0&REACH Compliant

THE PART MEETS TECONN "GP001" COMPLIANCE



Detail 1



Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V _{bus}	First	B9	V _{bus}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{bus}	First	B4	V _{bus}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

NOTES:

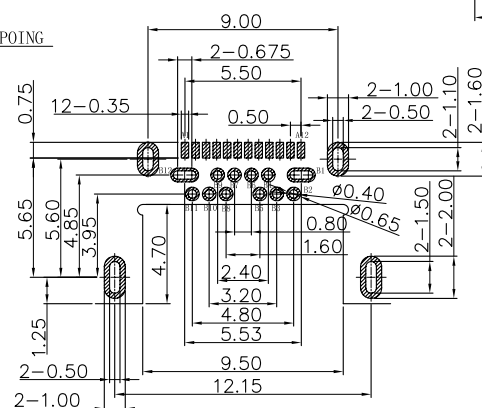
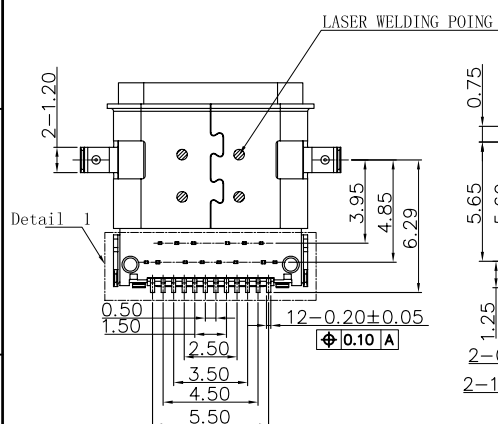
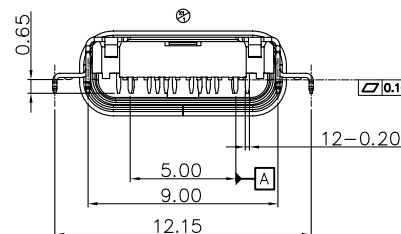
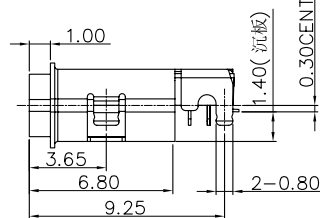
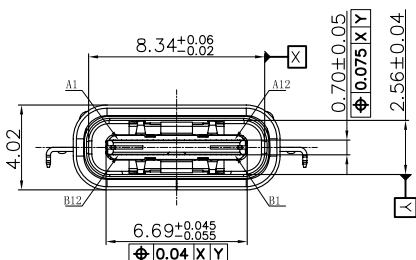
1. MATERIAL: SEE "TABLE 1";
2. FINISH: SEE "TABLE 1";

3. ELECTRICAL :

- 3-1.CONTACT CURRENT RATING :
5A(V_{bus} PIN 1.5A/PIN),
5A(GND PIN 1.25A/PIN MAX),0.25A/PIN(OTHER PIN).
- 3-2.INSULATION RESISTANCE :
100 MEGAOHMS MIN. AT 250VDC.
- 3-3.DIELECTRIC WITHSTANDING VOLTAGE :
100VAC MIN.
- 3-4.LOW LEVEL CONTACT RESISTANCE :
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.

4.MECHANICAL CHARACTERISTICS :

- 4-1. MATING FORCE: 5~20N;
- 4-2. UNMATING FORCE: 8~20N(INITIAL),6~20N(AFTER 10000 CYCLES);
- 4-3.DURABILITY : 10,000 MATING CYCLES.
- 4-4.OPERATING TEMPERATURE : -40°C TO +80°C

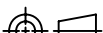


RECOMMENDED P.C.B LAYOUT(Both sides are sample)
Tolerance: ±0.05, Thickness=0.60mm

Part No: W 10 24 F7-A-15-X
Series Pin No. Flow No.
Packing: R: Tape&Reel T: Tray
15: 15u" Au

TABLE 1:

⑧	GLUE WATER	1	EPOXY	BLACK;	
⑦	Shell-2	1	Stainless steel	NI PLATING;	
⑥	Shell-1	1	Stainless steel	NI PLATING;	
⑤	GND PLATE	1	Stainless steel	NI PLATING;	
④	MID PLATE	1	Stainless steel		
③	Terminal-B	12	铜镍硅合金	Au:15u" PLATING;	T=0.12mm
②	Terminal-A	12		Au:15u" PLATING;	T=0.12mm
○	Housing	1	HIGH TEMP	Black	

X. ± 0.35		APPD: Henry Sun	TITLE: USB 3.1 CF WATERPROOF CL=0.30 沉板1.40mm DIP TYPE	
.X ± 0.25				
.XX ± 0.15		CHKD: _____	PART NO: W1024F7-A-15-X	泰康电子 TECONN
.XXX±				
X" ± 2"		DR: Xinxin	DWG NO: C-W1024F7-A-15-X	CUSTOMER DRAWING
.X" ± 1.5"				
		UNITS: mm	SCALE: 1:1	SHEET:10
				REV:

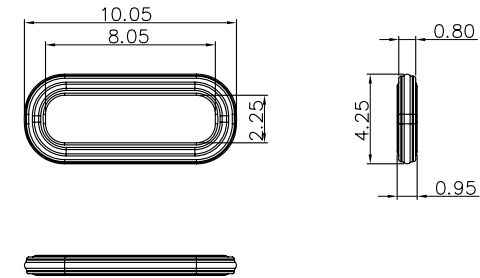
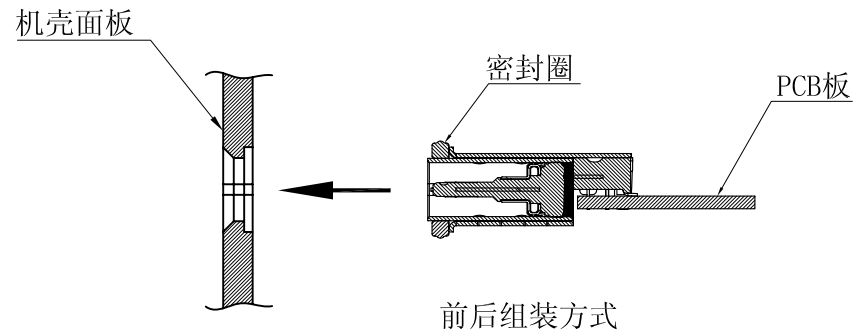


REV	ECN NO	DESCRIPTION	DATE
A	TE2017-XXXX	New Drawing	2017/04/13

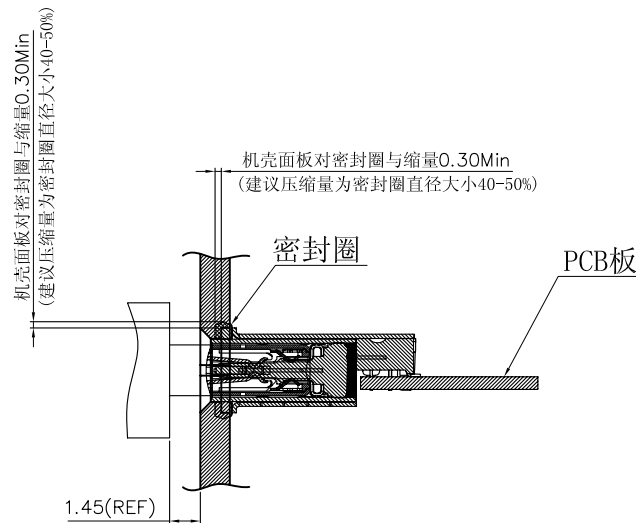
RoHS2.0&REACH Compliant

THE PART MEETS TECONN "GP001" COMPLIANCE

建议密封方式

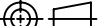


建议防水圈规格 (材质硅橡胶)



组装面板后公母头对插示意图

A	TE2017-XXXX	New Drawing	2017/04/13
REV	ECN NO	DESCRIPTION	DATE

X. ± 0.35	APPD:		Henry Sun	TITLE:	USB 3.1 CF WATERPROOF CL=0.30 沉板1.40mm DIP TYPE	 泰康电子 TECONN
.X ± 0.25	CHKD:					
.XX ± 0.15	DR:		Xinxin	PART NO:	W1024F7-A-15-X	
.XXX±						
X* ± 2'	UNITS:		SCALE:	DWG NO:	CUSTOMER DRAWING	SHEET:20F2
.X* ± 1.5'						
	mm	1:1	C-W1024F7-A-15-X	REV: A		