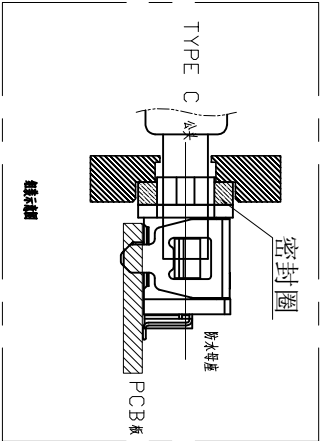
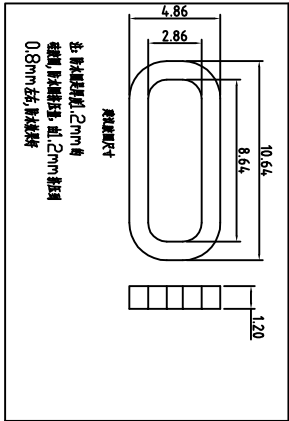
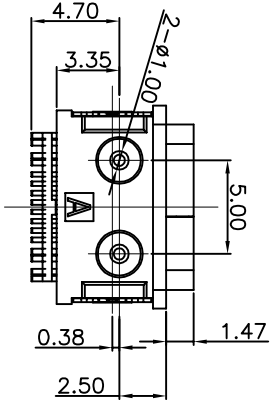
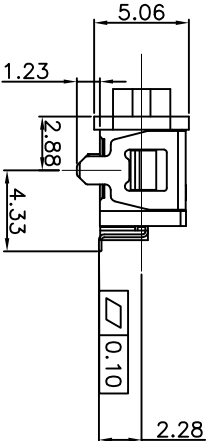
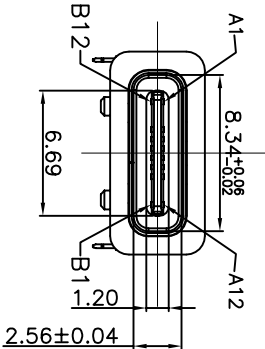
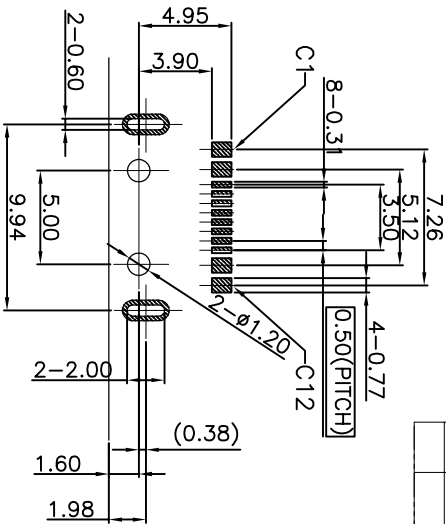


INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	VBUS	CC1	DP1	SBU1	VBUS	CC2	VBUS	GND	DP2	SBU2	VBUS
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SIGNAL NAME	GND	VBUS	SBUS2	CC1	DN2	DP1	DN1	DP2	SBUS1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS T=1.0mm
DEFAULT TOLERANCE+/-0.05

NOTES:

1. MATERIAL: SEE "TABLE 1";
2. FINISH: SEE "TABLE 1";
3. ELECTRICAL :
3-1.CONTRACT CURRENT RATING :
5A(VBUS PIN 1.3A/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.FLOW 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℃ TO +80℃

TABLE 1:

⑥	Shell-2	1	SUS304	IN PLATING:	T=0.20mm
⑤	Shell-1	1	SUS304	IN PLATING:	T=0.25mm
④	MID PLATE	1	SUS304	IN PLATING:	T=0.15mm
③	Terminal-B	8	高导电C7025	高导电C7025	T=0.15mm
②	Terminal-A	8	高导电C7025	高导电C7025	T=0.15mm
①	Housing	1	P446	Block	T=0.15mm
NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK

X.	±0.50	X* ± 2°	UNITS	mm
X	±0.30	X* ± 1°		
XX	±0.10	XX* ± 0.5°	MAT'L	
XXX	± 0.05			
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			FINISH	
			Q'TY	
			DR:	WUJY 2020/08/18

深圳市合众益华科技有限公司

PART NO. EZ-USBC-1118

TITLE: TYPE C 16Pin SMT Type

APPD: RADOM

DWG NO:

CHKD: MARK

EZ-USBC-1118

DR: WUJY 2020/08/18

