

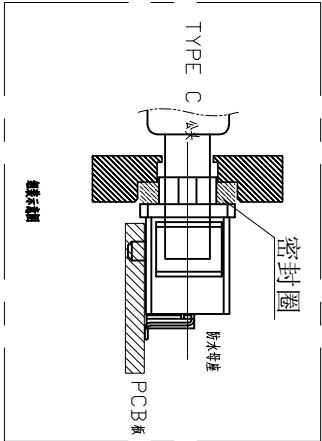
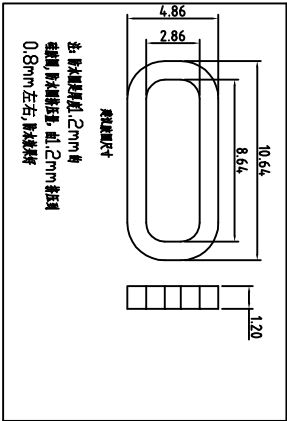
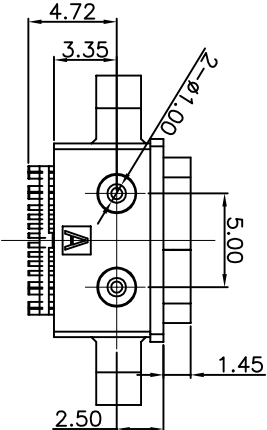
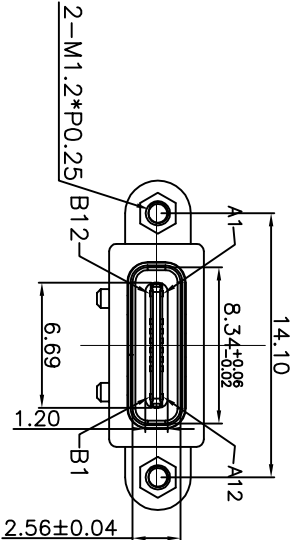
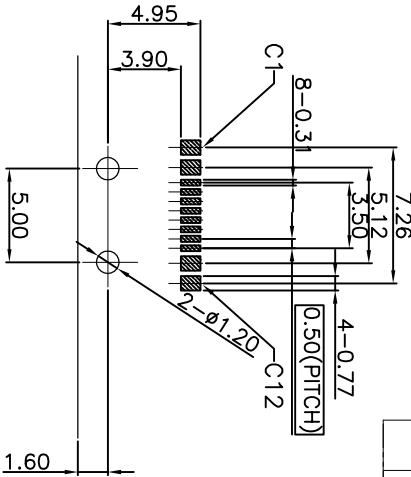


INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	VBUS	CC1	DP1	DN1	SBUS	VBUS	CC2	DP2	DN2	SBUS	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

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 1.5A/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.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°C TO +80°C

TABLE 1:

⑥	Shell-2	1	Stainless steel	IN PLATING:	T=0.20mm
⑤	Shell-1	1	Stainless steel	IN PLATING:	T=0.25mm
④	MID PLATE	1	Stainless steel		T=0.15mm
③	Terminal-B	8	铜镍硅合金	Au30% PLATING:	T=0.15mm
②	Terminal-A	8	铜镍硅合金	Au30% PLATING:	T=0.15mm
①	Housing	1	HIGH TEMP	Block	
NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK

X.	±0.50	X* ± 2°	UNITS	
.X	±0.30	X* ± 1°	mm	
.XX	±0.10	.XX* ± 0.5°	MAT'L	
.XXX	± 0.05			
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			Q'TY	
PART ND.			APPD:	RADIM
EZ-USBC-1120			CHKD:	MARK
TITLE:			DWG NO.:	
TYPE C 16Pin SMT Type			EZ-USBC-1120	
			SCALE	SHEET
			1/1	1/2
			REV.	A1

深圳市合众益华科技有限公司