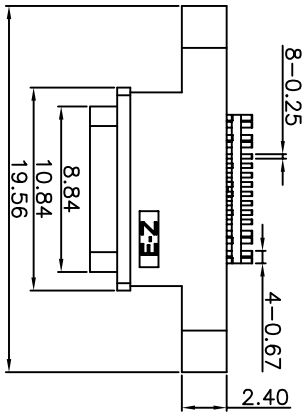


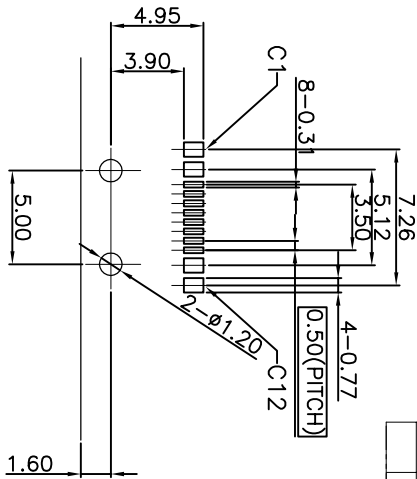
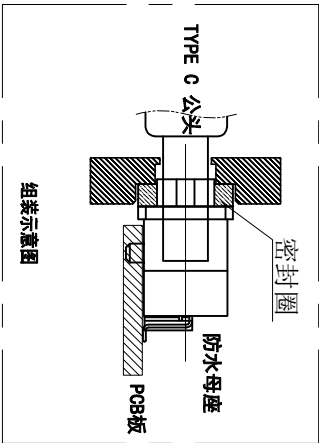
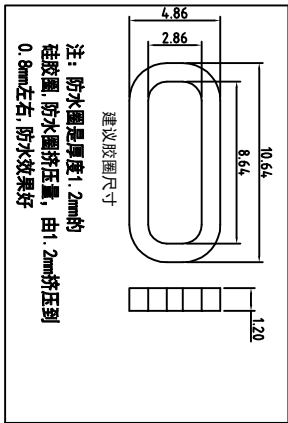
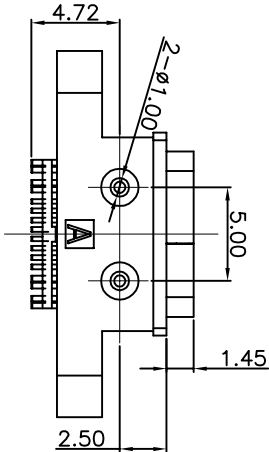
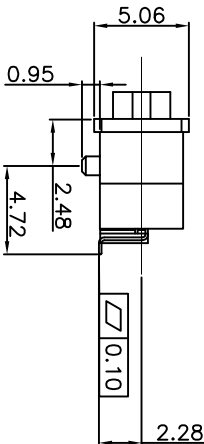
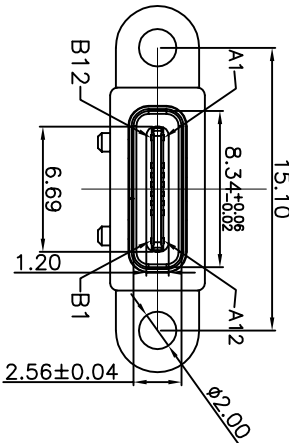


INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	VBUS	CC1	DP1	VBUS	SBUS	CC2	VBUS	DP2	SBUS	CC1	DP1
GND	VBUS	SBUS	CC2	DP2	VBUS	CC1	DP1	SBUS	CC2	DP2	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	SBUS	CC1	DN2	DP1	DN1	DP2	SBUS	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	IN PLATING:	T=0.15mm
③	Terminal-B	8	铜镍硅合金	IN PLATING:	T=0.15mm
②	Terminal-A	8	铜镍硅合金	IN 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°	mm
.XXX	±0.05			mm

PART NO.	TITLE:
EZ-USBC-1119	TYPE C 16Pin SMT Type
APPD:	RADOM
CHMD:	MARK
DR:	MUY 2020/08/18

FINISH	QTY

DWG NO.:	SCALE	SHEET	REV.
EZ-USBC-1119	1/1	1/2	A1

深圳市合众益华科技有限公司