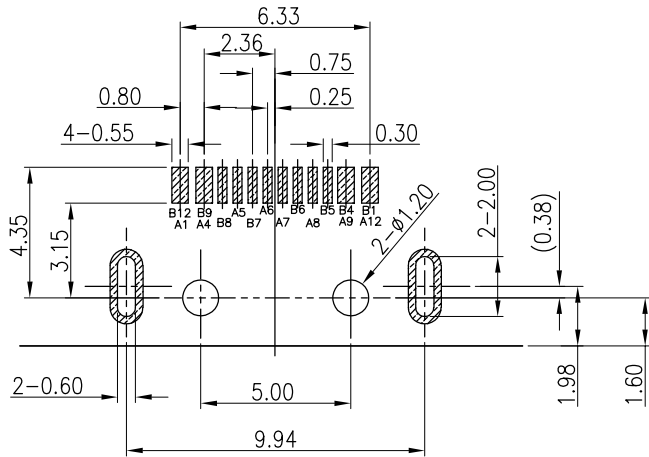
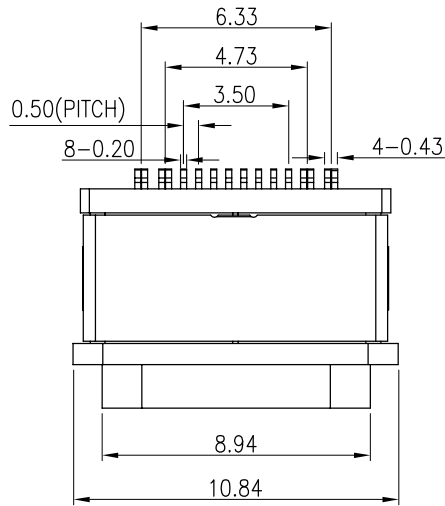
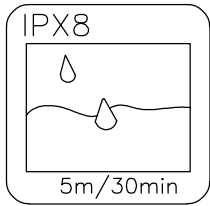
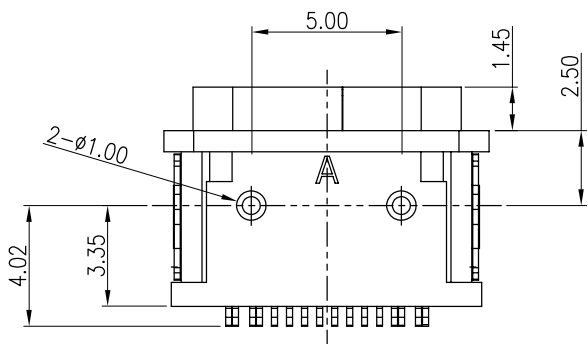
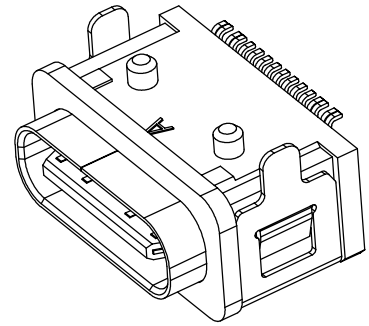
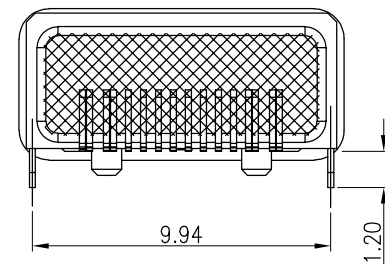
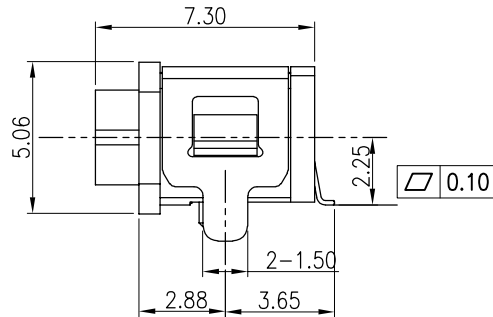
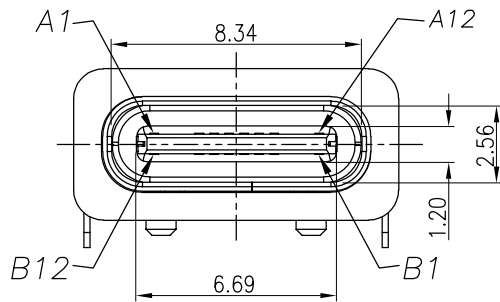
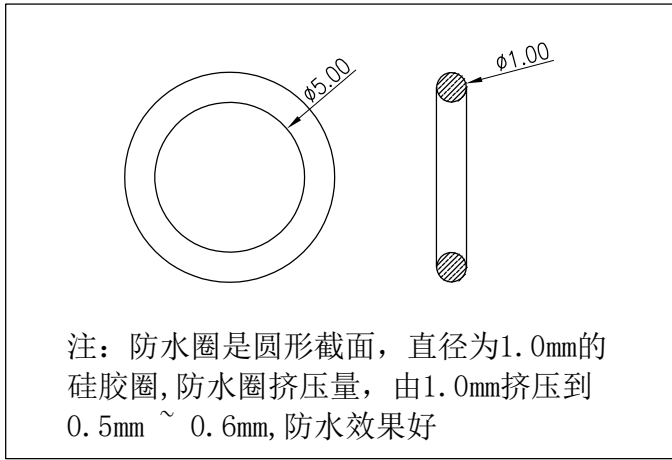




Recommended P. C. B. Layout
Unspecified tolerance:±0.05
(Top view)



A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



6	O RING	1	SILICON RUBBER	BLACK
5	Outer Shell	1	SUS301 Ni 40-80u"	T=0.20mm
4	Inner Shell	1	SUS304 Ni 40-80u"	T=0.30mm
3	Housing	1	PA10T(G.F30%)	BLACK
2	Contact	16	C7025 Ni:40-80u"; Au:1u"	T=0.15mm
1	Molding	1	PA10T (G.F30%)	BLACK
ITEM	PART NAME	Q'TY	FINISH	NOTE

GENERAL TOLERANCES		UNIT	mm			 杰康富精密电子有限公司 J K F precision Electronics Co., LTD							
DISTANCE X.		MATERIAL		SEE NOTES									
X. ±0.25		FINISHED		SEE NOTES		TITLE:		USB TYPE C 16PIN IPX8					
.X ±0.20		APPROCED		KATE DENG 2024/05/30									
.XX ±0.15		CHECKED		KATE DENG 2024/05/30		PART NO.		JK-US4316AGB0041R					
.XXX ±0.10		DESIGN		FAND 2024/05/30		DRAWING NO.		0023IPX8					
ANGLE		DRAWN		Wang Yan 2024/05/30		SCALE	1:1	SIZE	A3	SHEET	1 OF 1	REV.	A
X. ±3.0°													
.X ±2.0°													
.XX ±1.0°													

- NOTES:
1. MATERIAL: SEE "TABLE 1";
 2. FINISH: SEE "TABLE 1";
 3. ELECTRICAL :
 - 3.1 CONTACT CURRENT RATING :
3A MAX FOR VBUS PIN ;
1.25A MAX FOR GND PIN;
0.25A MAX FOR OTHER PIN;
 - 3.2 INSULATION RESISTANCE :
100 MEGAOHMS MIN.
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE :
100V AC MAX
 - 3.4 CONTACT RESISTANCE :40mΩ 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
 5. WATER PROOFNESS:THIS PRODUCT IS BASED ON IPX8.
 6. PACKAGING: TAPE & REEL.