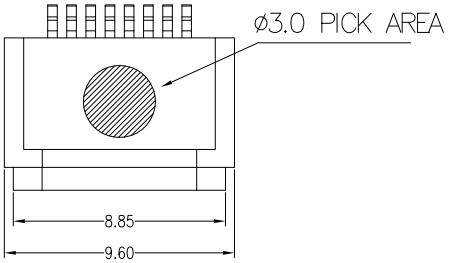
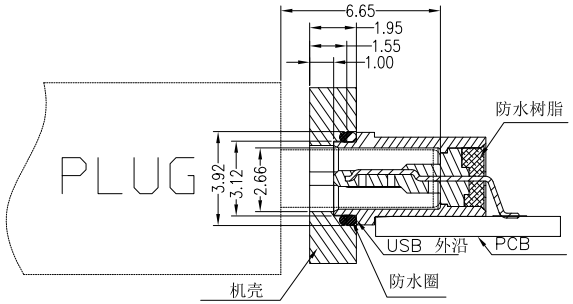
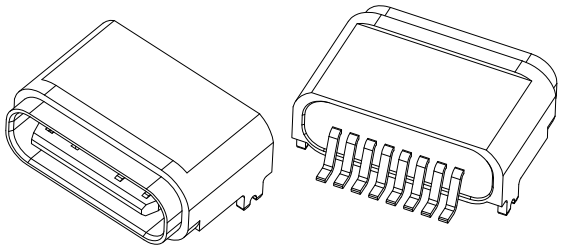
ITEM	MODIFICATION	DATE	DRAW	APPROVE
A0	新版发行	2022-02-17	望 盛	袁俊林

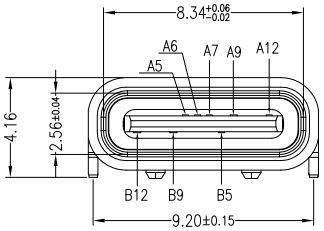


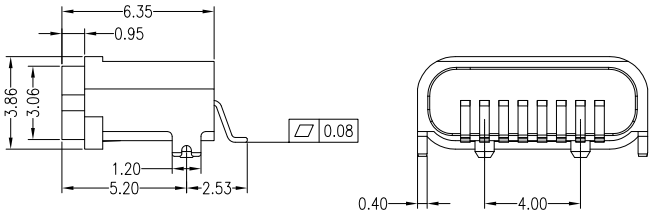


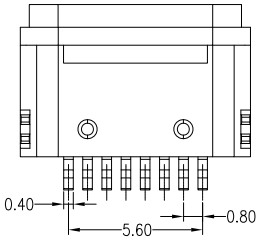
防水原理：机壳压缩防水圈使其紧密贴在USB外沿上.
（防水圈厚度0.7，压缩到0.4）

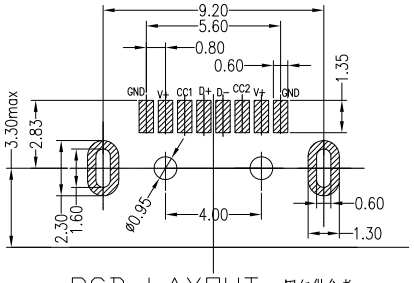
产品防水机构示意图











PCB LAYOUT 图仅供参考

TOLERANCE UNSPECIFIED ±0.05

Note:
1.Material:
1.1 Housing:High temperature thermoplastic UL94V-0
1.2 Contact:Copper Alloy
1.3 Shell:Zinc Alloy.
1.4 LATCH:SUS
2.ELECTRICAL:
2-1:CURUENT RATAING:
VBUS AND GND CONTACTS RATED AT 3A Max
VBUS AND GND CONTACTS RATED AT 0.5A Min
0.9Amps Max.for all other contact.
PARALLELED FOR A TOTAL OF 5A;
2-2:INITIAL CONTACT RESISTANCE:40 MILLIOHMS
2-3:DIEELECTRIC WITHSTANDING VOLTAGE:100V AC MIN;
3:MECHANICAL CHARACTERISTICS:
3-1:MATING FORCE:5~20N
3-2:UNMATING FORCE:8~20N(INITIAL),6~20N(AFTER 10000 CYCLES)
3-3:FREQUENCE:200±50 CYCLES/HOUR,10000 CYCLES
3-4:OPERATING TEMPERATURE;-40°~80°.
4:WATERPROOF:IP-X5.
CX011

TABLE B

A5	CC1		
A6	DP1		
A7	DN1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

TABLE:

PRODUCT NO.	ITEM	PART NAME	Q'TY	Material
BNF01S2211R-W	1	SHELL	1	Zinc Alloy Ni50u"
	2	CONTACT	8	C5191 接触区半金雾锡1U"
	3	HOUSING	1	LCP Black
	4	RING	1	Silica Gel RED

TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X±0.3	
.XX±0.2	
.XXX±0.1	

PROJ.

DIMENSION STYLE
MM ONLY

DESIGN UNITY
METRIC

SCALE
1:1

CXUN® 东莞市超讯电子有限公司
transcend communication

DRAWN BY 望 盛	DATE 2022-02-17	TITLE TYPE C 8PIN SMT 防水型母座	
CHECKED BY 望 盛	DATE 2022-02-17	PART NO. BNF01S2211R-W	SHEET NO. 1 OF 1
APPROVED BY 袁俊林	DATE 2022-02-17	MOLD NO. DWG-USB CF-072	C / REV. A0