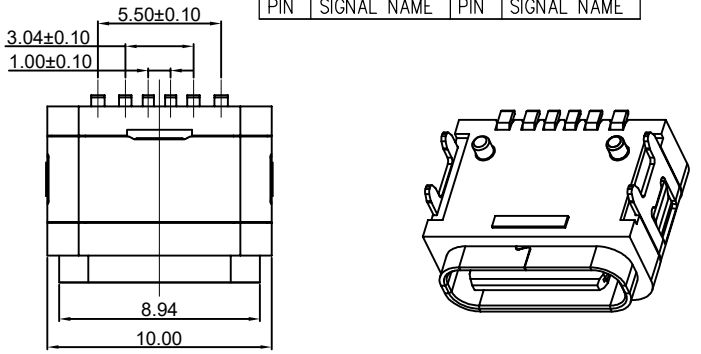
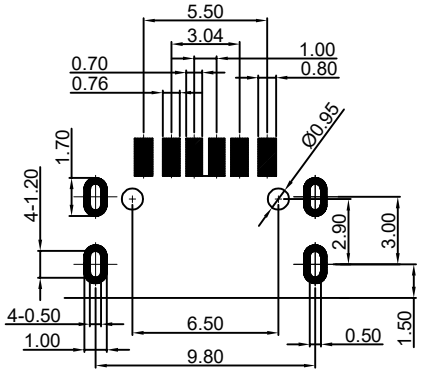
RoHS Compliant

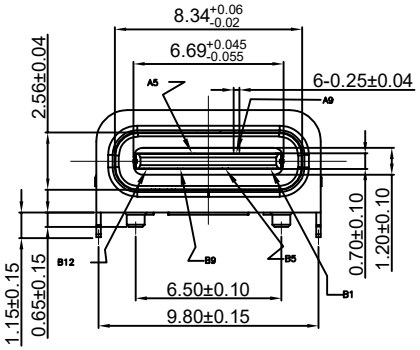
REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

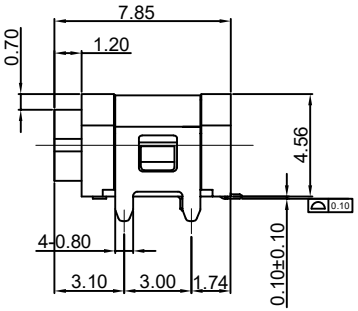
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

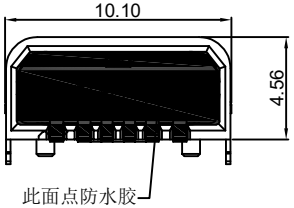




Recommended P.C.B. Layout
Unspecified tolerance:±0.05
(Top view)





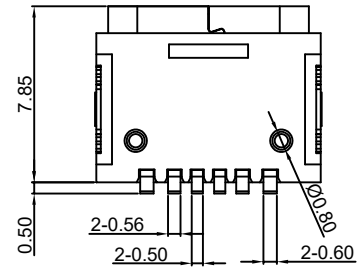


NOTES:
1. CURRENT RATING:
   3.0A MAX.
2. DIELECTRIC WITHSTAND VOLTAGE:
   100VAC.
3. TEMPERATURE RANGE:
   −30 ˚C ~ 85 ˚C.
4. CONTACT RESISTANCE:
   40 MILLIONHM MAX.
5. INSULATION RESISTANCE:
   100 MEGOHMS MIN.
6. INSERTION FORCE :
   5N~20N.
7. UNMATING FORCE:
   8N~20N.
8. DURABILITY:
   10,000 CYCLES.
9. WATERPROOF RATING: IPX7.
10. ALL PRODUCTS COMPLY WITH RoHS ENVIRONMENTAL REQUIREMENTS.

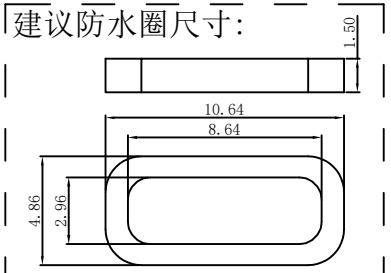
PART NO. INFORMATION

U06-C F X X 5 R - W200

- PORT TYPE: C: TYPE C
- GENDER: F: FEMALE; M: MALE
- CONTACT PLATED: 1: GOLD FLASH; 2: GOLD 3U"; 3: GOLD 5U"; 4: GOLD 10U"; 5: GOLD 15U"; 6: GOLD 30U"
- PACKAGE: R: TAPE REEL
- HOUSING COLOR: 2: WHITE; 5: BLACK; 9: NATURE
- HOUSING MATERIAL: A: LCP B: PBT C: PA9T D: PA6T E: PA46 F: PA66 G: PA10T



建议防水圈尺寸:



防水圈挤压量:由1.5mm挤压到
0.8mm ~ 1.00mm,防水效果好.

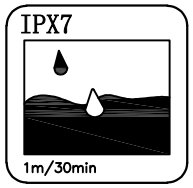


TABLE:

P/N	PART NAME	P/N	MATERIALS	FINISH
	环氧树脂	PK13001		
	外壳	S1846A50X	SUS304R−1/2H.T=0.20mm	Ni:50u"Min;
	内壳	S1846A003	SUS304R−1/2H.T=0.30mm	Ni:50u"Min;
	护套	H1802030150X	PA9T(G.F30%).BLACK.	／
	端子	T1811800X	C2680R−H.T=0.20mm	Ni:30u"Min; Au:CONTACT AREA:1u", Solder AREA:G/F
	塑胶	SY1103400X	LCP(G.F30%) BLACK.	／

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	±	0.20	X˚	±	10˚
.X	±	0.15	.X˚	±	8˚
.XX	±	0.10	.XX˚	±	5˚

Website:www.bsc-elec.com
Email:bestcreate@bsc-elec.com

DESIGN: I.L	DATE: 2026.05.09	
CHECKED: C.W	DATE: 2026.05.09	
APPROVED: C.W	DATE: 2026.05.09	

TITLE: IPX7 WATERPROOF 6P USB C FEMALE CONNECTOR TOP MOUNT L=7.85

MATERILA:	PART NO: U06−CFXX5R−W200	SIZE: A4
FINSH:	DWG NO: U06−CFXX5R−W200	

REV:	UNIT	SCALE	QUALITY SYMBOLS
A	mm	1=1	