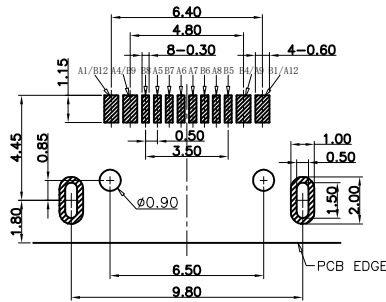
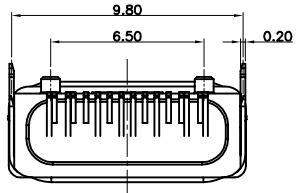
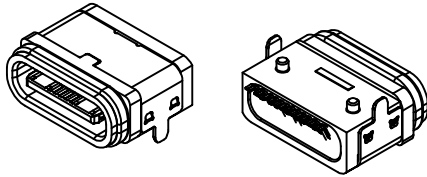


RoHS Compliant



RECOMMEND P.C.B LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

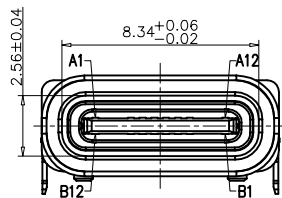
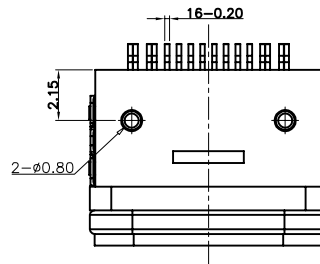
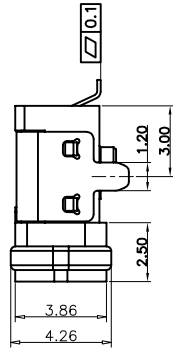
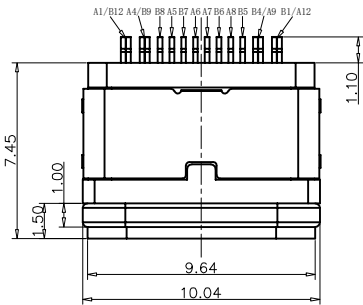


TABLE:

NO	PART	Q'TY	Material
1	PLASTIC SHELL	1	LCP UL94 V-0 BLACK
2	CONTACT	16	C2680,TIN80u"/Au3u"/Ni30u"PLATED
3	MID PLATE	1	SUS301,NO PLATING
4	HOUSING	1	LCP UL94 V-0 BLACK
5	SHIELDING PLATE	1	SUS,NI PLATED
6	WATERPROOF RING	1	SILICONE UL94 V-0 RED

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

NOTES:

SPECIFICATION:

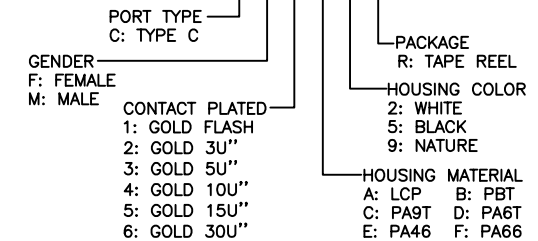
- CURRENT RATING: 3.0 A
- VOLTAGE RATING: 3.0 V
- VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX  
SHIELD: 50mΩ/MAX  
LLCR MAX. CHANGE OF ALL PINS: 10Ωm
- INSULATION RESISTANCE: 100MΩ MIN
- DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1MINUTE
- INSERTION FORCE: 0.5~2.0kgf
- UNMATING FORCE: 0.8-2.0kgf
- DURABILITY: 10000 CYCLES
- OPERATING TEMPERATURE: -35°C~+85°C
- THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 2 10-230°C
- WATERPROOF: IP-X7.

USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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

PART NO. INFORMATION

U06-C F X X 5 R - W011



**Bestcreate Technology Limited**

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.20	.X*	± 5'
.XX	± 0.15	.X*	± 2'
.XXX	± 0.10	.XX*	± 1'

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

DESIGN: I. L DATE:

CHECKED: C. W DATE:

APPROVED: C. W DATE:

TITLE:

IPX7 Waterproof USB TYPE C 16P FEMALE CONNECTOR  
L=7.45mm

MATERIAL:

FINISH:

PART NO:

DWG NO:

SIZE: A4

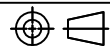
U06-CFXX5R-W011  
U06-CFXX5R-W011

REV: A

UNIT mm

SCALE 1=1

QUALITY SYMBOLS



1

2

3

4

5

6

7

8