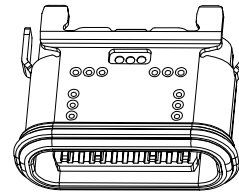
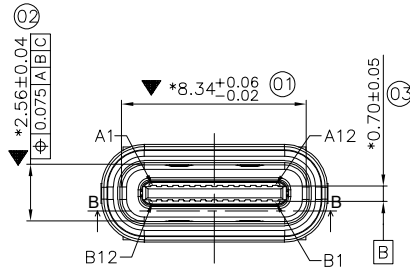
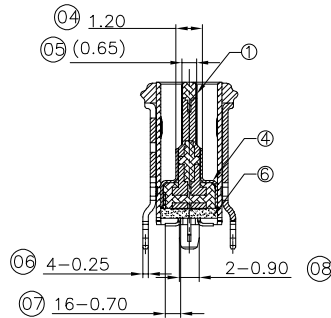


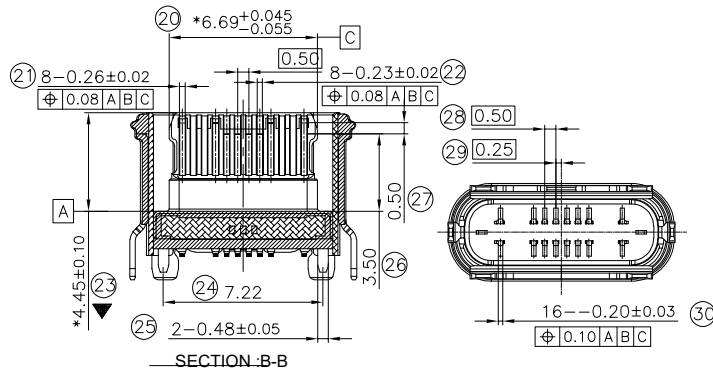
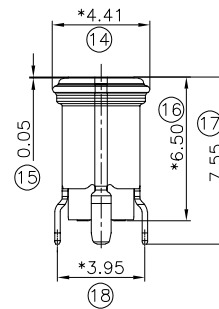
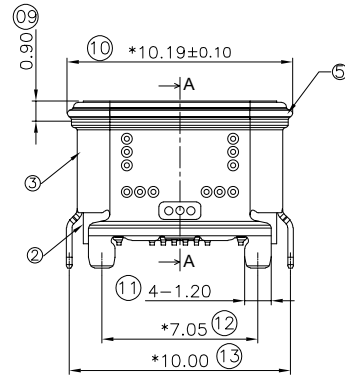
RoHS Compliant



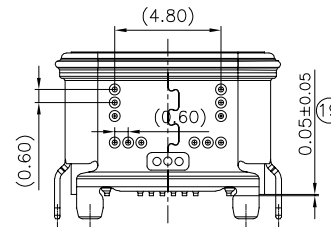
3D VIEW



SECTION A-A



SECTION B-B



SPECIFICATION:

1. Material & Finish: See the list

2. Mechanical:

2.1. Mating force: 5-20N

2.2. Unmating force: Initial: 8-20N; Final: 6-20N

2.3. Durability: 10000 Cycles

3. Electrical:

3.1. Current Rating:

VBus Pins: 5A, Vconn Pin: 1.25A, Other Pins: 0.25A

3.2. Voltage Rating: 30V Max.;

3.3. Dielectric Withstanding voltage: 100Vac, 60S, 10mA

3.4. Contact resistance: 40m Ohms Max.;

3.5. Insulation Resistance: 100M Ohms Min.

4. Environmental:

4.1. Operating temperature: -40°C ~ +85°C;

4.2. Salt Spray Test: 48H Min. (No oxidation or rust)

4.3. Wetting Temperature: 265±5°C, 5±0.5s

4.5. Waterproof Level: IPX8

5. DRAWINGS MARKED "⊗" FOR FAI DIMENSION

6. DRAWINGS MARKED "*" FOR QIP DIMENSION

7. DRAWINGS MARKED "▼" FOR CPK DIMENSION

PART NO. INFORMATION

U06-C F X X 5 R - W191

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

6	GLUE	EPOXY RESIN	COLOR: BLACK	g
5	EMC	SUS 316L, T=0.10mm	30u" NICKEL PLATING	1 PCS
4	LIM. RING	SILICA GEL	NA	1 PCS
3	OUT SHELL	SUS 304-H, T=0.25mm	50u" NICKEL PLATED	1 PCS
2	INNER SHELL	SUS 316L, T=0.20mm	NO PLATING	1 PCS
1	INSERT MD	MID PLATE, SUS 301-H, T=0.15mm	NICKEL PLATING	1 SET
		CONTACT AREA: 1u" Au/Min	CONTACT: C18400, T=0.12mm	
		SOLDER AREA: 80-120u MATTE TIN	PLASTIC: PA46	
NO.	NAME	MATERIAL	REMARKS	QTY

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	±	0.35	X."	±	4"
.X	±	0.30	.X."	±	3"
.XX	±	0.25	.XX"	±	2"

Website: www.bsc-elec.com

Email: bestcreate@bsc-elec.com

DESIGN: I.L DATE: 2018. 7. 7

CHECKED: C.W DATE: 2018. 7. 7

APPROVED: C.W DATE: 2018. 7. 7

TITLE:

IPX8 16P WATERPROOF USB C FEMALE CONNECTOR VERTICAL SMT, H6.5MM

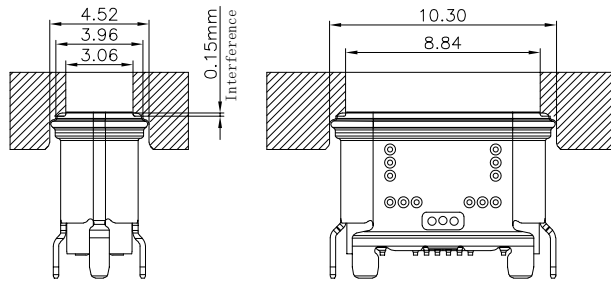
MATERIAL:	PART NO: U06-CFXX5R-W191	SIZE: A4
FINISH:	DWG NO: U06-CFXX5R-W191	1 OF 3

REV: A	UNIT: mm	SCALE: 1=1	QUALITY SYMBOLS
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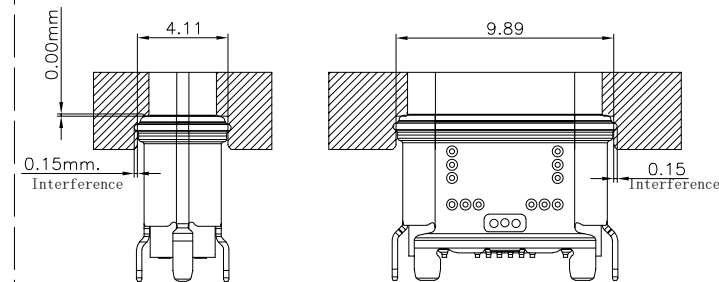
RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

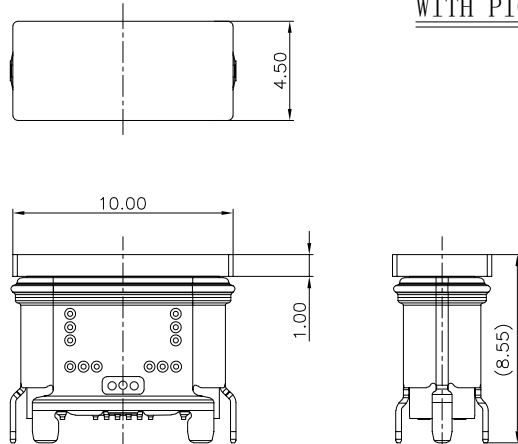


RECOMMENDED CAVITY "1" SIZE



RECOMMENDED CAVITY "2" SIZE

WITH PICK CAP



Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	±	0.35	X.*	±	4"
.X	±	0.30	.X*	±	3"
.XX	±	0.25	.XX*	±	2"

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

DESIGN: I. L
DATE: 2018. 7. 7

CHECKED: C. W
DATE: 2018. 7. 7

APPROVED: C. W
DATE: 2018. 7. 7

TITLE:

IPX8 16P WATERPROOF USB C FEMALE CONNECTOR VERTICAL SMT,H6.5MM

MATERILA:	PART NO: U06-CFXX5R-W191	SIZE: A4
FINSH:	DWG NO: U06-CFXX5R-W191	3 OF 3