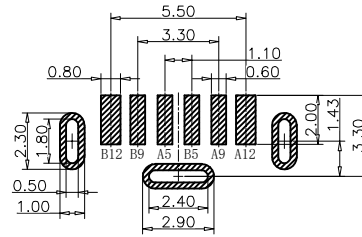
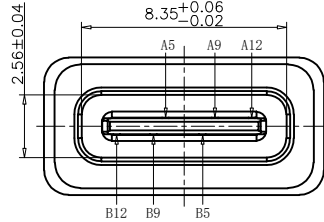


RoHS Compliant



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ±0.05

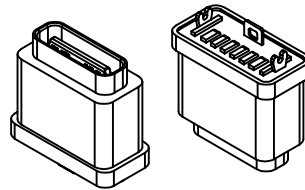
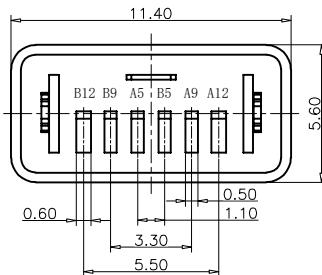
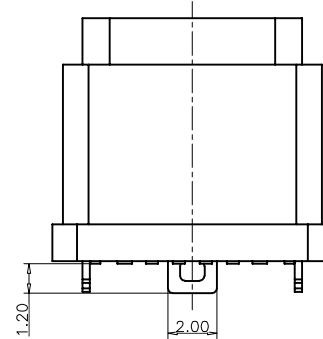
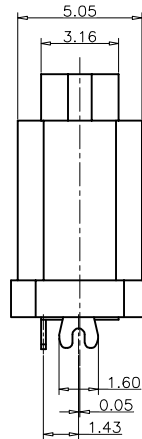
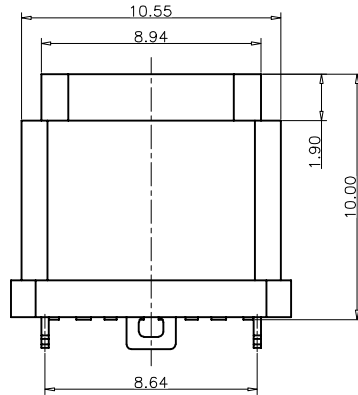


TABLE:

NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL, NI PLATED
2	CONTACT	6	COPPER STEEL, TIN/AU/NI PLATED
3	1MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC BLACK UL94 V-0
4	2MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC BLACK UL94 V-0

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:
2018. 7. 7

CHECKED:
C. W

DATE:
2018. 7. 7

APPROVED:
C. W

DATE:
2018. 7. 7

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTES:

SPECIFICATION:

1. CURRENT RATING: 3.0 A
2. RATED VOLTAGE: 30 V
3. CONTACT CURRENT: 3A VBUS, 1.25A FOR GND, OTHERS 0.25A
4. VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX
TEST CONDITION: 20mV, under 100m
5. INSULATION RESISTANCE: 100MΩ MIN
6. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE
7. INSERTION FORCE: 0.51~2.0kgf
8. UNMATING FORCE: 0.82~2.0kgf
9. DURABILITY: 10000 CYCLES
10. OPERATING TEMPERATURE: -20°C~+85°C
11. THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 210~230°C
12. WATERPROOF: IP-X7.

USB TYPE C PIN ASSIGNMENTS

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

PART NO. INFORMATION

U06-C F X X 5 R - W170

PORT TYPE C: TYPE C	PACKAGE R: TAPE REEL
GENDER F: FEMALE M: MALE	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

Bestcreate Technology Limited

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS

TITLE:

IPX6 6P USB C FEMALE CONNECTOR VERTICAL SMT, H=10.0MM

MATERIAL:

PART NO:

U06-CFXX5R-W170

SIZE:

A4

FINISH:

DWG NO:

U06-CFXX5R-W170

1 OF 1