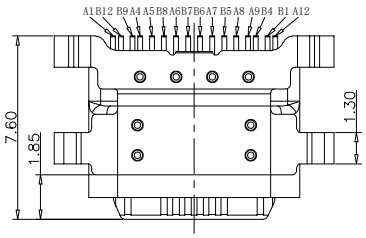
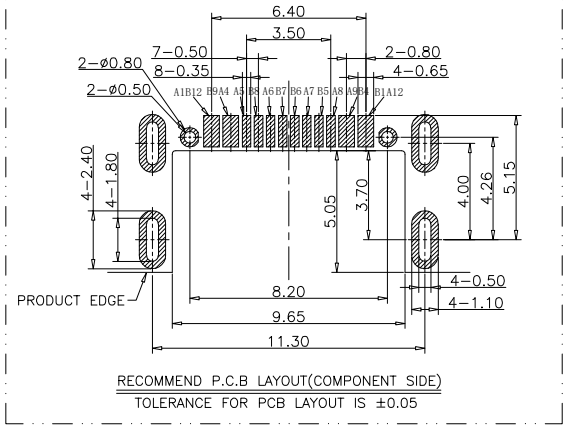
RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



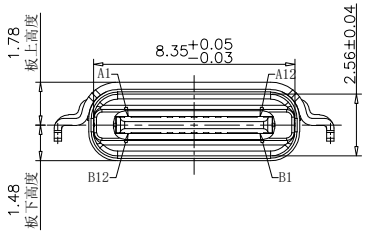


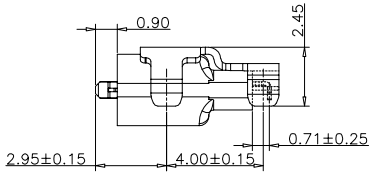


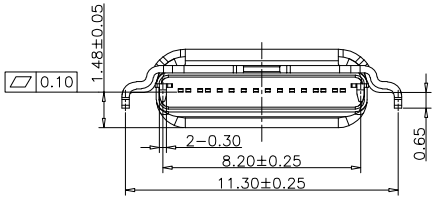
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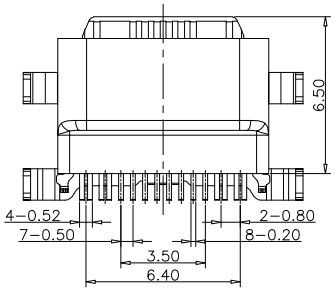
SPECIFICATION:

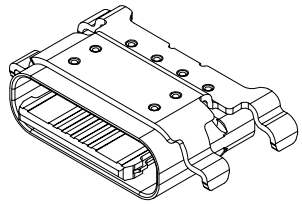
1. CURRENT RATING: 5.0 A
2. VOLTAGE RATING: 5.0 V
3. VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX
   SHIELD: 50mΩ/MAX
   LLCR MAX. CHANGE OF ALL PINS: 10Ωm
4. INSULATION RESISTANCE: 100MΩ MIN
5. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1MINUTE
6. LNSERTION FORCE: 0.5~2.0kgf
7. UNMATING FORCE: 0.8-2.0kgf
8. DURABILITY: 10000 CYCLES
9. OPERATING TEMPERATURE: -35°C~+85°C
10. THE PEAK TEMPERATURE ON THE BOARO SHALL BE MAINTAINED FOR 10 SECONDS AT 210-230°C
11. WATERPROOF:IP-X7.

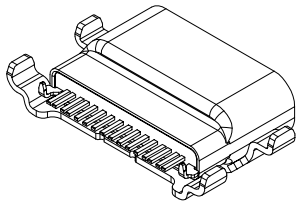












USB TYPE C PIN ASSIGNMENTS

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 - W165

- 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''
- HOUSING MATERIAL — A: LCP B: PBT C: PA9T D: PA6T E: PA46 F: PA66
- HOUSING COLOR — 2: WHITE; 5: BLACK; 9: NATURE
- PACKAGE — R: TAPE REEL

TABLE:

NO	PART	Q'TY	Material
1	SHELL-1	1	STAINLESS STEEL,Ni PLATED 30u"Min
2	SHELL-2	1	STAINLESS STEEL,Ni PLATED 30u"Min
3	CONTACT	16	COPPER STEEL,Ni 30u"Min;Au u"
4	MID PLATE	1	STAINLESS STEEL,NO PLATING
5	MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC BLACK UL94 V-0

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:					
.X	±	0.20	X.°	±	5°
.XX	±	0.15	.X°	±	2°
.XXX	±	0.10	.XX°	±	1°

REV:	UNIT	SCALE	QUALITY SYMBOLS
A	mm	1=1	

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

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

TITLE: **IPX7 WATERPROOF USB TYPE C 16P FEMALE CONNECTOR L=7.6MM**

MATERILA:	PART NO: U06-CFXX5R-W165	SIZE: A4
FINSH:	DWG NO: U06-CFXX5R-W165	