

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

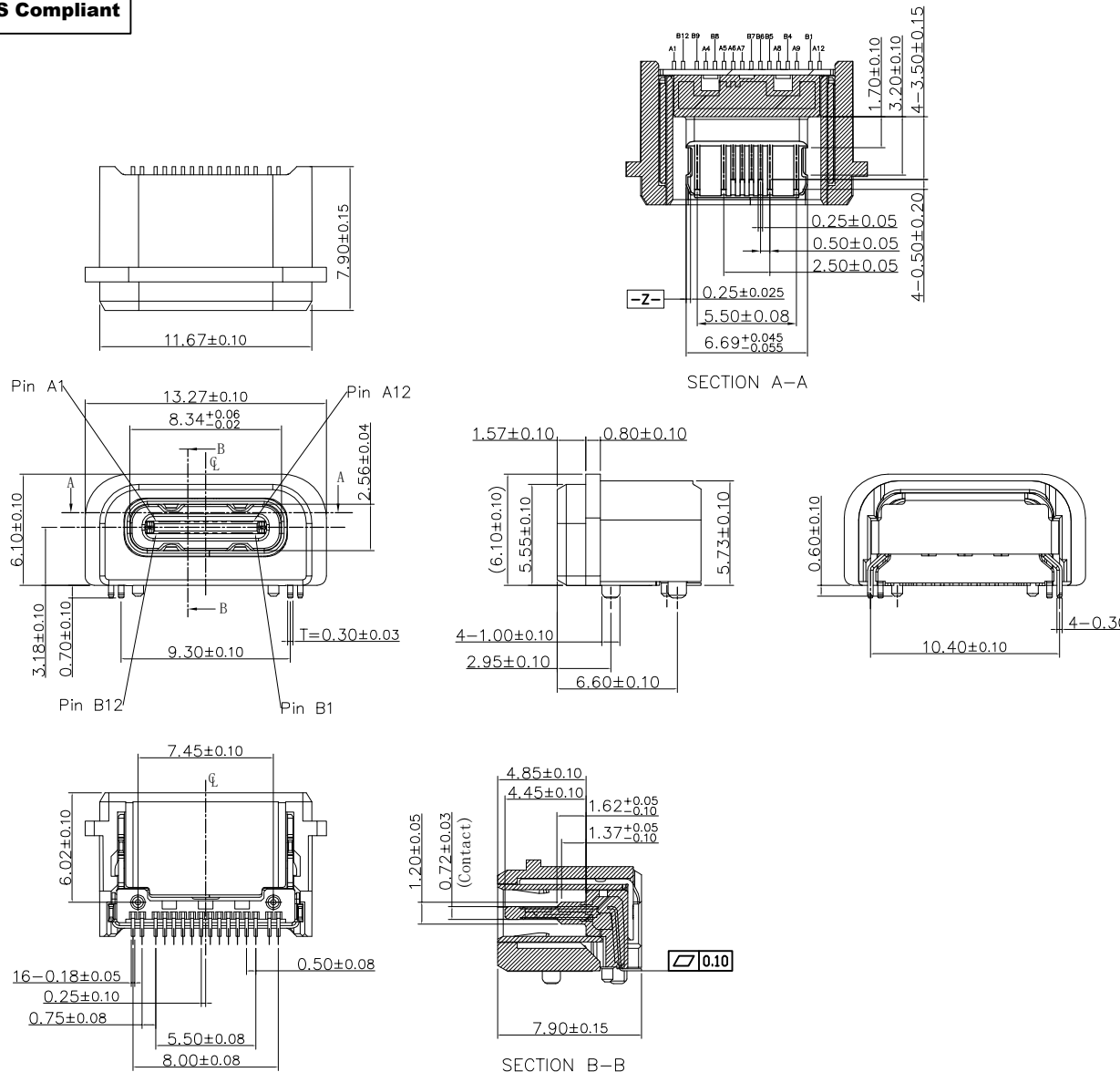
NOTE:

- Material:
All Housing: LCP(Polyplastics),Black,Thermoplastics,UL94V-0
Insulation Jacket: LCP(Polyplastics),Black,Thermoplastics,UL94V-0
Contact: Copper Alloy
Mid Plate: Stainless Steel
Outer Shell: Stainless Steel
Inner Shell: Stainless Steel
- FINISH:
Contact: Au 3u" Min.
Au 1u" Min. on Solder Area
80~200u" Nickel Underplating Over All
Mid-Plate: 40~200u" Nickel Over All
Inner & Outer Shell: 40~200u" Nickel Over All
- Outer Shell (Insulator) Minimum Thickness 0.40mm
- Electrical Characteristics:
Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Pin(A1,A12,B1,B12,B5)
0.25A For Others Pin
Insulation Resistance: 100MΩ Min.
Contact Resistance: 50 mΩ Max.
Dielectric Withstanding Voltage: 500V AC/0.1S/0.1mA
- Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: Initial: 8~20N
After durability: 6~20N
Durability :10000 Cycles
- Operating Temperature: -30°C TO +85°C
- 防水等级IPX4

PART NO. INFORMATION

U06-C F X X 5 T - W070

PORT TYPE C: TYPE C	PACKAGE T:TRAY
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

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	±	0.30	X.*	±	2'
.XX	±	0.10	.X*	±	1'
.XXX	±	0.05	.XX*	±	0.5'

Website:www.bsc-elec.com

Email:bestcreate@bsc-elec.com

DESIGN: I. L

DATE:

CHECKED: C. W

DATE:

APPROVED: C. W

DATE:

TITLE:

MATERILA:

FINISH:

PART NO:

DWG NO:

U06-CFXX5T-W070

U06-CFXX5T-W070

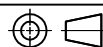
SIZE: A4

REV: A

UNIT mm

SCALE 1=1

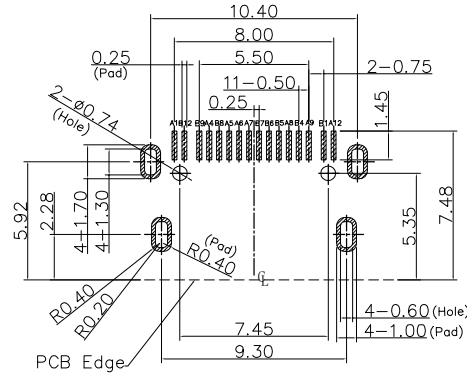
QUALITY SYMBOLS



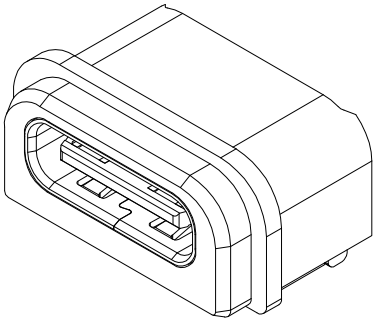
RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN



Recommended PCB Layout
General Tolerance ± 0.05
▨ Pad Area
Top View



E

D

PIN ASSIGNMENT

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

9	UP Terminal	Copper alloy	C Note.2	1SET
8	Down Terminal	Copper alloy	Note.2	1SET
7	Insulation Jacket	LCP E130i BK UL 94V-0, HF		1PCS
6	Down Molding			1PCS
5	Up Molding			1PCS
4	Second Molding			1PCS
3	Mid-Plate	Stainless Steel	B Note.2	1PCS
2	Inner Shell	Stainless Steel	Note.2	1PCS
1	Outer Shell	Stainless Steel	Note.2	1PCS
项次	品称	材料	表面处理	备注

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.30	X.*	± 2"
.XX	± 0.10	.X.*	± 1"
.XXX	± 0.05	.XX.*	± 0.5"

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

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

TITLE: IPX4 Waterproof 16P USB C Female Connector SMT, CH=3.18mm		
MATERILA:	PART NO: U06-CFXX5T-W070	SIZE: A4
FINSH:	DWG NO: U06-CFXX5T-W070	

REV: A	UNIT mm	SCALE 1=1	QUALITY SYMBOLS	
-----------	------------	--------------	--------------------	--