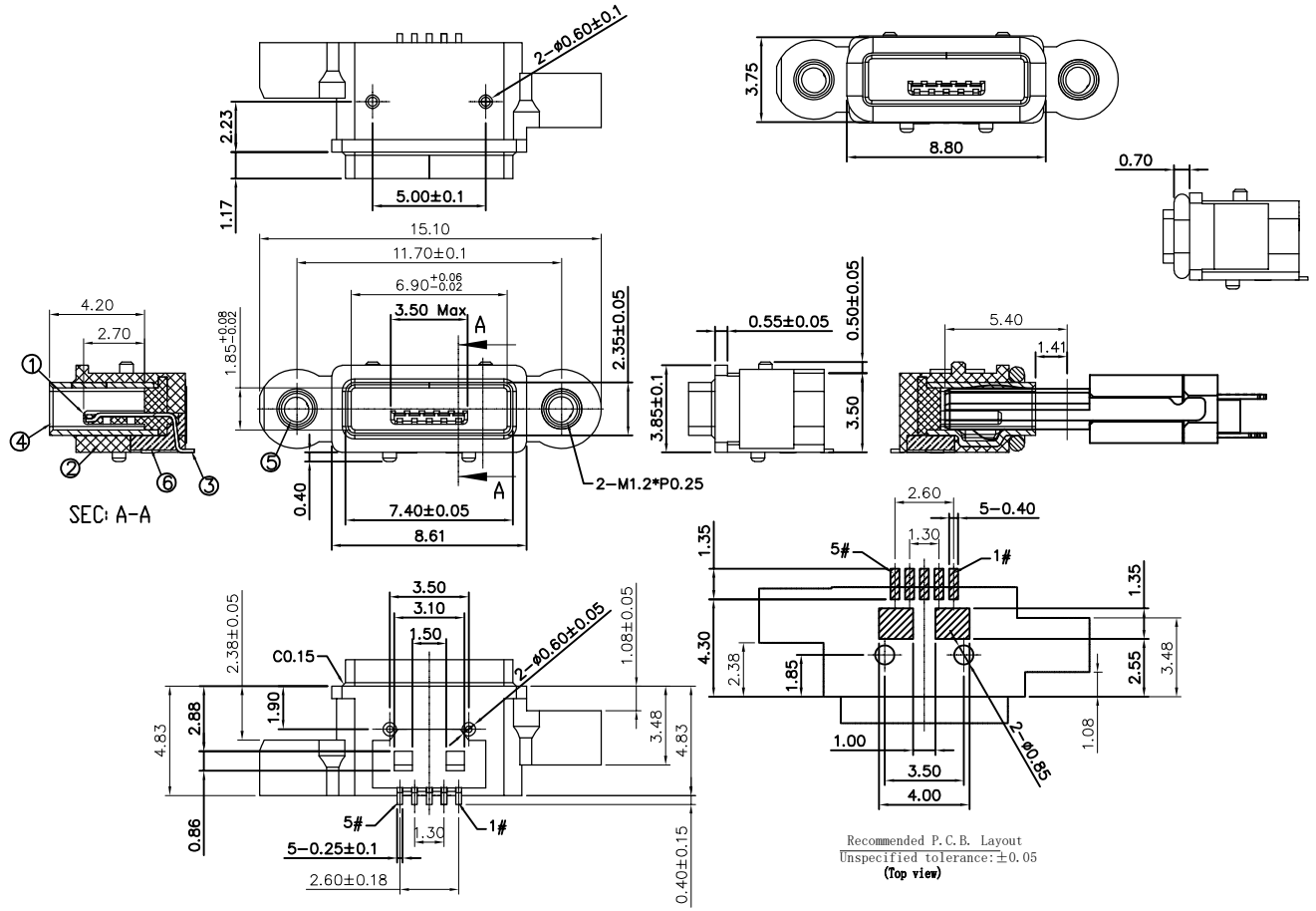
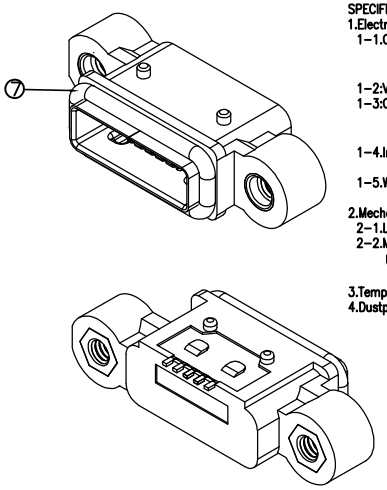
RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



Recommended P.C.B. Layout
Unspecified tolerance: ±0.05
(Top view)



SPECIFICATION:
1.Electrical characteristics
1-1.Current rating:
Signal(Pins2,3,4):DC 1A
Power(Pins1,5) :DC 1.8A
1-2:Voltage rating: AC 30V.
1-3:Contact resistance:
30mΩ max(initial).
50mΩ max(After Durability)
1-4.Insulation resistance:
100MΩ min. at 500V DC.
1-5.Withstanding voltage:
100V AC for 1 minute.
2.Mechanical characteristics
2-1.Life test: 5000 cycles min.
2-2.Mating force: 35N Max,
Unmating force:8N Min(initial).
6N Min(after life test).
3.Temperature range: -40°C~+80°C
4.Dustproof and waterproof grade: IP67

Contact Number	Signal Name	Remarks
1#	VBUS	Power
2#	D-	Date-
3#	D+	Date+
4#	ID	Reserve or Gound
5#	GND	Gound

NO.	DESCRIPTION	QTY	MATERIAL	REMARK
⑦	Oval ring	1	Rubber	White
⑥	Glue	1	-----	Black
⑤	Screw	2	Brass	Nickel plated
④	Inner shell	1	Copper alloy or stainless steel	Nickel plated
③	Terminal	5	Copper alloy, 0.15t	Gold Plated On Contact Area.
②	Outer shell	1	High temperature thermoplastic	Black
①	Body	1	High temperature thermoplastic	Black

PART NO. INFORMATION

U01-B F X X 5 R - W017

- PORT TYPE: B: TYPE B
- 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

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:			
X.	± 0.20	X.°	± 2°
.X	± 0.15	.X°	± 1°
.XX	± 0.10	.XX°	± 0.5°

Website: www.bsc-elec.com
E-mail: bestcreate@bsc-elec.com

DESIGN:	DATE:
I.L	2017/3/1
CHECKED:	DATE:
C.W	2017/3/1
APPROVED:	DATE:
C.W	2017/3/1

TITLE: IP67 WATERPROOF MICRO USB 2.0 5P B FEMALE CONNECTOR WITH SCREW

REV:	UNIT	SCALE	QUALITY SYMBOLS
A	mm	1=1	

MATERILA:	PART NO:	SIZE:
	U01-BFXX5R-W017	A4
FINSH:	DWG NO:	SHEET:
	U01-BFXX5R-W017	1 OF 1