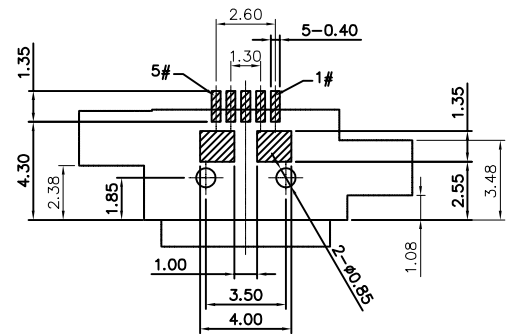
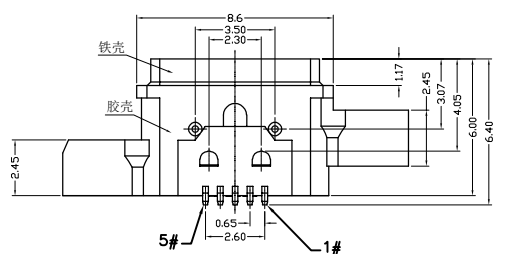
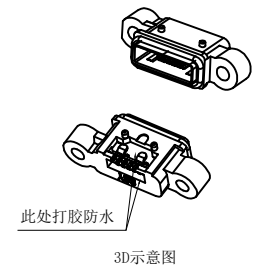
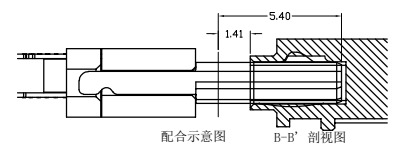
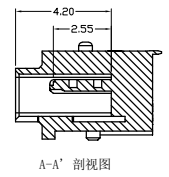
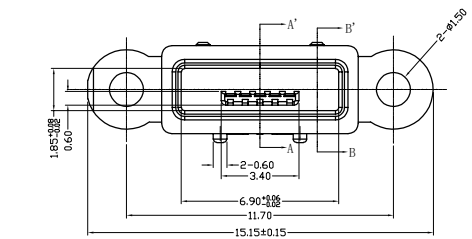
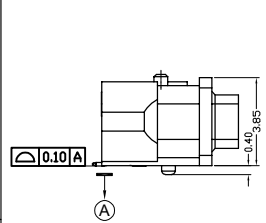


RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



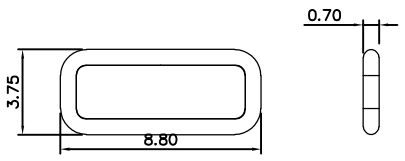
Recommended P.C.B. Layout  
Unspecified tolerance: ±0.05  
(Top view)

**SPECIFICATION:**  
 1. Electrical characteristics  
 1-1. Current rating:  
 Signal(Pins 2,3,4): DC 1A  
 Power(Pins 1,5) :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

**PART NO. INFORMATION**  
**U01-AB F X X 5 R - W018**  
**PORT TYPE**  
 B: TYPE B  
**GENDER**  
 F: FEMALE  
 M: MALE  
**PACKAGE**  
 R: TAPE REEL  
**HOUSING COLOR**  
 2: WHITE  
 9: BLACK  
 9: NATURE  
**HOUSING MATERIAL**  
 A: LCP B: PBT  
 C: PA9T D: PA6T  
 E: PA46 F: PA66

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
①	Oval ring	1	Rubber	White
②	Glue	1	-----	Black
③	Screw	2	Brass	Nickel plated
④	Inner shell	1	Copper alloy or stainless steel	Nickel plated
⑤	Terminal	5	Copper alloy, 0.15t	Gold Plated On Contact Area.
⑥	Outer shell	1	High temperature thermoplastic	Black
⑦	Body	1	High temperature thermoplastic	Black



防水圈

**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](http://www.bsc-elec.com)  
 E-mail: [bestcreate@bsc-elec.com](mailto:bestcreate@bsc-elec.com)

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

TITLE: IP67 WATERPROOF MICRO USB 2.0 5P B FEMALE CONNECTOR WITH SCREW  
 MATERILA: PART NO: U01-ABFXX5R-W018 SIZE: A4  
 FINSH: DWG NO: U01-ABFXX5R-W018 SHEET: 1 OF 1

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS