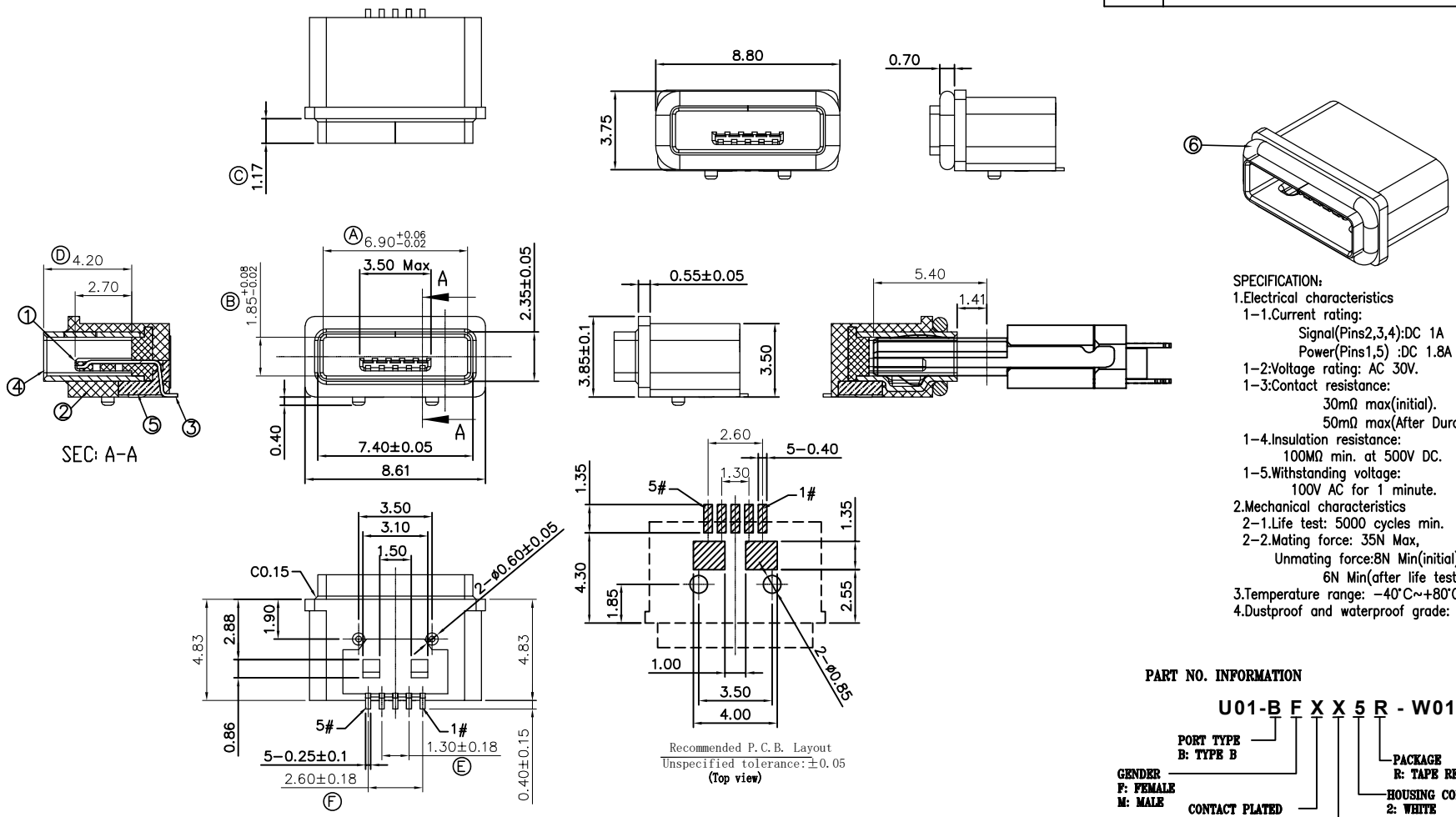
RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



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

PART NO. INFORMATION

U01-B F X X 5 R - W019

- 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

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

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.20	X.°	± 2°
.X	± 0.15	.X°	± 1°
.XX	± 0.10	.XX°	± 0.5°

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DESIGN: I.L	DATE: 2017/3/1	TITLE: IP67 WATERPROOF MICRO USB 2.0 5P B FEMALE CONNECTOR
CHECKED: C.W	DATE: 2017/3/1	MATERILA: / PART NO: U01-BFXX5R-W019 / SIZE: A4
APPROVED: C.W	DATE: 2017/3/1	FINSH: / DWG NO: U01-BFXX5R-W019 / SHEET: 1 OF 1

REV:	UNIT	SCALE	QUALITY SYMBOLS
A	mm	1=1	