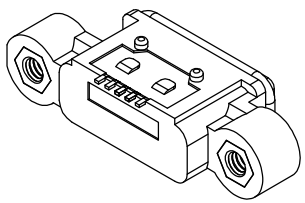
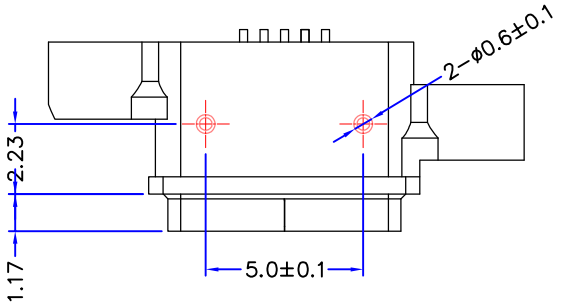
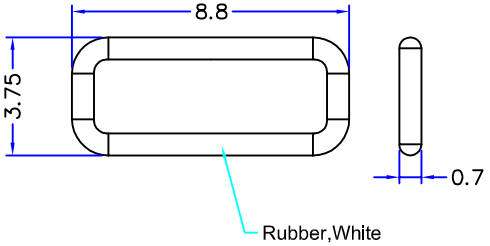
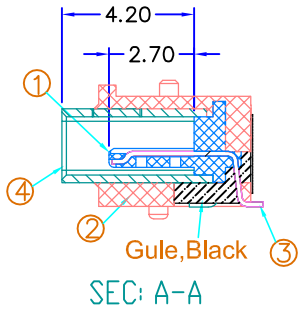
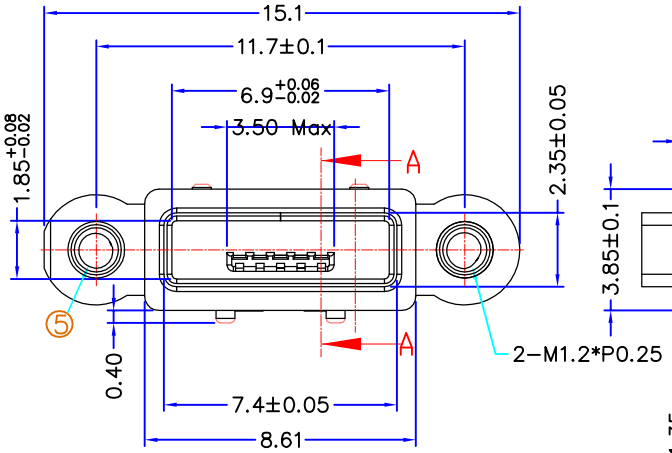


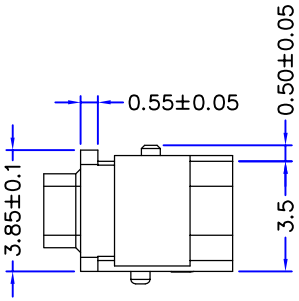


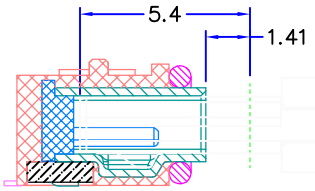


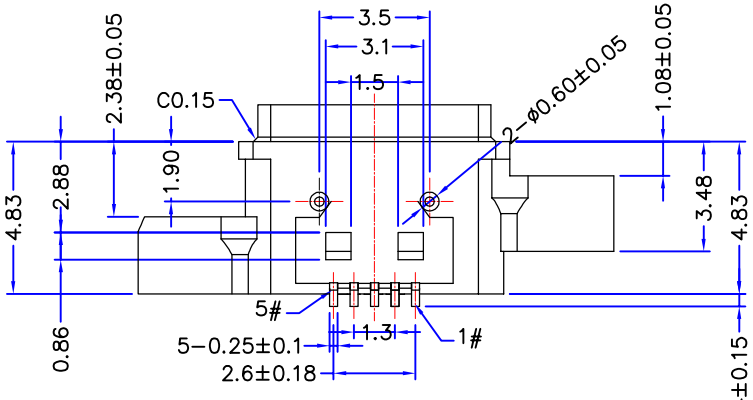
Contact Number	Signal Name	Remarks
1#	VBUS	Power
2#	D-	Date-
3#	D+	Date+
4#	ID	Reserve or Gound
5#	GND	Gound

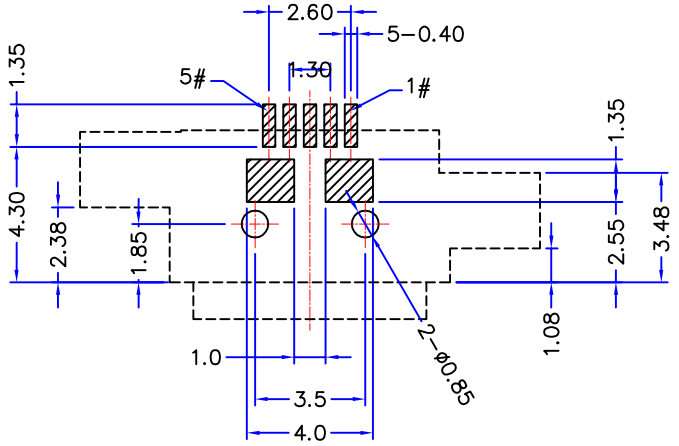












Recommended P.C.B. Layout
tolerance: ±0.05
(Top view)

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).
Temperature range: - 40°C~+80°C
4.Dustproof and waterproof grade: IP67

DESCRIPTION	QT`Y	Material	PLATING
Inner shell	1	Copper alloy or stainless steel	Nickel plated
TERMINAL	5	Copper alloy, 0.15t	Gold Plated On Contact Area.
HOUSING	1	High temperature thermoplastic	
FRAME	1	High temperature thermoplastic	

星赫科技有限公司
SHINE HEH TECHNOLOGY CO., LTD.

DRAWN BY:	REVIEWED BY:	CHECKED BY:	APPROVED BY:
J.W-Liang	X.H-Liu	Sunny	Joe

TOLERANCE CHART:	
x.	±0.3mm
x.x	±0.2mm
x.xx	±0.1mm
x.xxx	±0.05mm

VIEW:	UNIT:	SCALE:
	mm	5.9:1
PART NAME: SONDET CONNECTOR	DATE: MAR.14.2014	REV: A
MODEL NO.: WF- MICRO USB		DRAWING NO.: