



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

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
NO.	DESCRIPTION	QTY	MATERIAL	REMARK

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



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TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X.' ±2' X.X' ±0.5'	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: MICRO USB AB15P带防水胶圈SMT正面带双螺丝
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. : HYCW131-USBD05-117B
UNIT: mm [inch] SCALE:1:1 SIZE: A4	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO. : HYC-USB160973218
			SHEET NO. : 1 OF 1

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