

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:
30m Ω max(initial).
50m Ω max(After Durability)

1-4.Insulation resistance:
100M Ω 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

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

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

 **深圳市华宇创精密电子有限公司**

TOLERANCE: X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.15 X.' $\pm 2'$ X.X' $\pm 0.5'$	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]	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO: HYC-USB160973218
SCALE: 1:1 SIZE: A4			SHEET NO. 1 OF 1