



Recommended PCB Layout

**MECHANICAL:**

DURABILITY: 750 Mating Cycles Min.  
OPERATING TEMPERATURE: 0°C to +90°C

**RJ45 SPECIFICATION:**

CURRENT RATING: 1.5A Max.  
CONTACT RESISTANCE: 30 milliohm Max.  
INSULATION RESISTANCE: 500 Megaohm Min.  
DIELECTRIC WITHSTANDING VOLTAGE:  
500 VAC 60 Hz. 1 Min.

INSULATOR: Nylon 46( UL94V-)

COLOR: Black

CONTACT: .35 mm Spring Wire Phos-Bronze

PLATING: Specified Gold Thickness in Contact Area;

Au Flash on Solder Tail; All over 50u" Nickel Subplate

**USB SPECIFICATION:**

CURRENT RATING: 1.0A Max.

CONTACT RESISTANCE: 30 milliohm Max.

INSULATION RESISTANCE: 1000 Mohm Min. @500 VDC

DIELECTRIC WITHSTANDING VOLTAGE:

500 VAC rms 60 Sec.

INSULATOR: Nylon 46( UL94V-)

COLOR: Black

CONTACT: Copper Alloy

PLATING: Specified Gold Thickness in Contact Area;

Tin plating on Solder Tail; All over 50u" Nickel Subplate

**HOW TO ORDER:**

U A 0 0 0 1 1 0 - 0 0 X - Z

RoHS  
COMPLIANT

**USB CONNECTOR:**

1 - 1 USB STANDARD PROFILE

**SELECTIVE PLATING:**

- 6 - Au FLASH CONTACT AREA
- 7 - 10u" Au CONTACT AREA
- 8 - 15u" Au CONTACT AREA
- 9 - 30u" Au CONTACT AREA

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	07/01/13

**SMP TECHNOLOGY, INC.**

Combo Jack; RJ45 and (1) USB, Shielded, No LEDs, w/o EMI Tabs