

Recommended PCB Layout

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

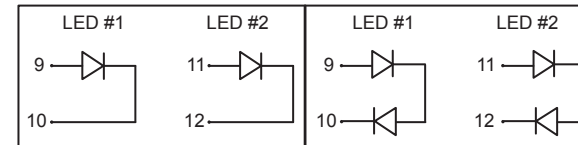
**RJ45 SPECIFICATION:**  
 CURRENT RATING: 1.5A Max.  
 CONTACT RESISTANCE: 30 milliohm Max.  
 INSULATION RESISTANCE: 500 Megaohm Min.  
 DIELECTRIC WITHSTANDING VOLTAGE:  
 500 VAC 60 Hz. 1 Min.  
 INSULATOR: Nylon 46( UL94V-)  
 COLOR: Black  
 CONTACT: .35 mm Spring Wire Phos-Bronze  
 PLATING: Specified 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 - X X X - Z

**USB CONNECTOR:**  
 1 - 1 USB STANDARD PROFILE



Single Color LED Bi-Color LED

**LED 1 LED 2**  
**LED OPTION TABLE:**

OPTION	FOWARD	REVERSE
G	GREEN	-----
Y	YELLOW	-----
1	GREEN	ORANGE
2	YELLOW	ORANGE
3	GREEN	RED
4	YELLOW	RED

**SELECTIVE PLATING:**  
 6 - Au FLASH CONTACT AREA  
 7 - 10u" Au CONTACT AREA  
 8 - 15u" Au CONTACT AREA  
 9 - 30u" Au CONTACT AREA

RoHS  
 COMPLIANT

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	07/01/13
A	B.S.	S.M.	S.M.	01/21/16

**SMP TECHNOLOGY, INC.**  
 Combo Jack; RJ45 and (1) USB, Shielded, With LEDs, w/o EMI Tabs