



**PC Board Layout**

**ELECTRICAL:**

CURRENT RATING: 1.5A Max.  
 CONTACT RESISTANCE: 30 mΩ Max.  
 INSULATION RESISTANCE: 500 mΩ Min.  
 DIELECTRIC WITHSTANDING VOLTAGE:  
 1000 Vrms 60 Sec. Min.

**MATERIAL:**

HOUSING: Nylon 46 (UL94V-0)  
 COLOR: Black  
 SPRING WIRE: 0.35mm Thickness Phosphor Bronze  
 Gold Plating Over Nickel

**MECHANICAL:**

DURABILITY: 500 Mating Cycles Min.  
 OPERATING TEMPERATURE: -25°C to +90°C

**LED:**

FORWARD DC CURRENT: 2mA  
 FORWARD VOLTAGE: 1.8 V Typical  
 REVERSE VOLTAGE: 5 V Min.

**HOW TO ORDER:**

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

**TAB OPTION:**  
 1 - w/OUT EMI SPRING TABS

**USB CONNECTOR:**  
 0 - STANDARD 8Pos

**RJ-45 CONNECTOR:**  
 0 - STANDARD (8P8C)

**LED 1: LED 2:**  
 CHOOSE OPTION FROM TABLE

**LED OPTION TABLE:**

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

RoHS  
 COMPLIANT

**PLATING OVERALL:**

- 0 - FULL TIN
- 1 - FULL Au FLASH
- 3 - 10u" Au
- 4 - 15u" Au
- 5 - 30u" Au

**SELECTIVE PLATING:**

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

Rev	Drawn	Checked	Approved	Date
0	A.M.	S.M.	S.M.	04/08/03
A	B.S.	S.M.	S.M.	7/18/08

**SMP TECHNOLOGY, INC.**

Combo Jack; USB + RJ45, Shielded, w/LED