



Recommended PCB Layout

**HOW TO ORDER:**

**B** 1 2 2 - **X** **X** 4 **C** - **X** 1 **X** - **Z**

**Electrical**

CURRENT: 2.0 AMP  
 CONTACT RESISTANCE: 20 Milliohms Max.  
 INSULATOR RESISTANCE: 5000 Megaohms Min.  
 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1 MIN.  
 OPERATING TEMPERATURE: -40° C TO +105° C

**Material**

INSULATOR : PA9T UL94V-0  
 CONTACT: Copper Alloy  
 PLATING: Gold and/or Tin over 50 Microinches Nickel

**PACKAGING:**

- 0 - Tube
- 1 - Tray
- 2 - With Cap; Tube
- 3 - Without Cap; Tape & Reel
- 4 - With Film; Tube
- 5 - With Film; Tape & Reel
- 6 - With Cap; Tape & Reel

**COLOR:**  
1 - BLACK

**PLATING OVERALL:**

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

RoHS COMPLIANT

**SELECTIVE PLATING:**

- 6 - Au 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

**NUMBER OF CONTACTS:**

- 10,14,16,20,24,26
- 30,34,40,44,50,60

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	03/06/15

**SMP TECHNOLOGY, INC.**

Box Header, 2.00 mm Pitch, Vertical, SMT ; 6.05 mm Height

TOL. DEC. .X +/- 0.40 XX +/- 0.25 .XXX +/- 0.15 ANGLE +/- 3° UNIT: mm

SERIES: B 1 2 2 - X X 4 C - X 1 X - Z