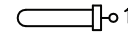
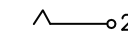
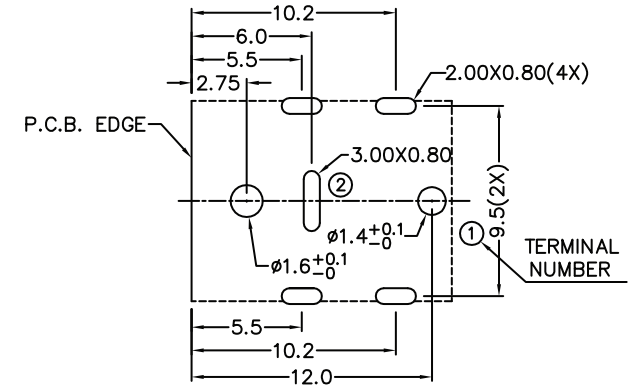


SCHEMATIC	 1
CENTER PIN	 2 Ø2.5mm



RECOMMENDED PCB LAYOUT  
(TOP VIEW)

**ELECTRICAL:**

RATING: Type 1 Plug - 20 VDC 7 AMP  
 Type 2 Plug - 20 VDC 10 AMPS  
 DIELECTRIC WITHSTANDING VOLTAGE: 500V.r.m.s.  
 INSULATION RESISTANCE: 50 Megaohm Min.  
 CONTACT RESISTANCE: Initial 50 milliohm; 100 milliohms after life cycle test. between mating plug and connector.

**MATERIALS:**

CONTACTS: Copper Alloy, Silver Plated  
 INSULATOR: P.A. 6T  
 SHIELD: Nickel Plated Steel

**SOLDERABILITY:**

REFLOW COMPATIBLE: (260°C for 5 Seconds)  
 For Soldering Profile Contact SMP Technology Inc.

**ENVIRONMENT:**

OPERATING TEMPERATURE: -25°C to +85°C  
 STORAGE TEMPERATURE: 0°C to +40°C  
 LIFE TEST: 5000 Insertion / Withdrawals

**HOW TO ORDER:**

P 0 0 2 - 7 9 0 5 - 0 X 1 - Z

**CENTER PIN DIAMETER**

7 - 2.5 mm

**PACKAGING OPTIONS**

- 0 - Tray
- 1 - Tape & Reel (Std)
- 2 - Tube

**RoHS  
COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0 Issued	B.S.	S.M.	S.M.	05/10/12

**SMP TECHNOLOGY, INC.**

DC Jack, High Current, Right Angle, Thru Hole,  
 Shielded, 10mm Height

TOL. DEC. .X +/- 0.2 .XX +/- 0.1 .XXX +/- 0.05 ANGLE +/- 2° UNIT: mm

SERIES: P002-7905-0X1-Z