



P.C.B. LAYOUT  
(BOTTOM VIEW)

PIN	Ø2.0mm	Ø2.5mm
SCHEMATIC		

**ELECTRICAL:**

CURRENT / VOLTAGE RATING: 24VDC / 3.5 AMPS D.C.  
 CONTACT RESISTANCE: < PLUG TO CONTACTS: 100MΩ  
 INSULATOR RESISTANCE: > 50MΩ  
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC FOR 1 MIN.  
 OPERATING TEMPERATURE: -25°C TO +85°C

**MATERIAL:**

INSULATOR: PBT (UL94V-0)  
 COVER: PA6T  
 SIGNAL CONTACT: COPPER ALLOY, SILVER PLATED  
 GROUND CONTACT: COPPER ALLOY, SILVER PLATED  
 TERMINAL: COPPER ALLOY, SILVER PLATED  
 MOUNTING PIN: COPPER ALLOY, NICKEL PLATED  
 DURABILITY: 5000 CYCLES

**HOW TO ORDER:**

P 0 0 1 - X 0 0 9 - 0 0 0 - Z

**CENTER PIN DIAMETER:**  
 6 - 2.0mm  
 7 - 2.5mm

**BODY STYLE(2.5 Diameter):**  
 9 - Straight - 14 mm High

**RoHS**  
**COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0 Issued	B.S.	S.M.	S.M.	12/13/06
A Revised PCB Layout	B.S.	S.M.	S.M.	10/08/09

**SMP TECHNOLOGY, INC.**

DC Power Jack, 2.0mm / 2.5mm, Vertical Solder Tail

TOL. DEC. .X +/- 0.5 .XX +/- 0.3 .XXX +/- 0.15 ANGLE +/- 3° UNIT: mm

P/N: P001-X009-000-Z

Pg: 1