



**PCB LAYOUT  
(BOTTOM VIEW)**

**ELECTRICAL:**

CONTACT RESISTANCE: < 30mΩ  
 INSULATOR RESISTANCE: > 50MΩ  
 DIELECTRIC WITHSTANDING VOLTAGE: 250VAC FOR 1 MIN.  
 OPERATING TEMPERATURE: -40°C TO +105°C

**MATERIAL:**

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

**HOW TO ORDER:**

**P 0 0 2 - X 5 0 0 - 0 0 0 - Z**

**CENTER PIN DIAMETER:**  
 4 - 1.6mm  
 6 - 2.0mm  
 7 - 2.5mm

**RoHS COMPLIANT**

**SHIELDING:**  
 0 - Non Shielded

**PACKAGING:**  
 0 - Tray

**BODY STYLE(1,0,1,3):**  
 5 - Wide Body - Offset, Open

**PCB MOUNTING OPTIONS:**  
 0 - SOLDER TAIL

Rev	Drawn	Checked	Approved	Date
0 Issued	WHS	S.M.	S.M.	10/19/06

**SMP TECHNOLOGY, INC.**

DC Power Jack, Wide Body, Open, Offset Pin, Non Shielded

SCALE: N/A

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