



P.C.B LAYOUT  
(BOTTOM VIEW)

PIN	Ø1.87MM	Ø2.0MM	Ø2.5MM
SCHEMATIC			

**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 0 0 0 - 0 0 0 - Z

**CENTER PIN DIAMETER:**

5 - 1.87mm  
 6 - 2.0mm  
 7 - 2.5mm

**PCB MOUNTING OPTIONS:**

0 - SOLDER TAIL

**RoHS COMPLIANCE:**

Rev	Issued	Apv.	Date
0	Issued	A.M.	06/04/03
A	Revised	MDH	10/15/04
B	Revised for RoHS Compliance	WHS	07/10/06

SCALE:n/a

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

SMP TECHNOLOGY, INC.	
DC Power Jack, Right Angle, Thru Hole, Solder Tail, 1.87mm, 2.0mm, and 2.5mm Pin Diameter	P/N: P 002-X 000-000-Z
	Pg: 1