



PIN	Ø1.0mm	Ø1.3mm
SCHEMATIC		

P.C.B 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 4 0 0 - 2 0 0 - Z

**CENTER PIN DIAMETER:**  
 2 - 1.0mm  
 3 - 1.3mm

**PCB MOUNTING OPTIONS:**  
 2 - RETENTION PC TAIL

RoHS  
COMPLIANT

Rev	Drawn	Checked	Approved	Date	
0	Issued	A.M.	S.M.	S.M.	4/1/98
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	7/14/08

**SMP TECHNOLOGY, INC.**

DC Power Jack, Right Angle, Thru Hole, Retention PC Tail, 1.0, 1.3mm Pin Diameter

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

P/N: P002-x400-200-Z