



P.C.B LAYOUT  
(BOTTOM VIEW)

PIN	Ø 1.0mm	Ø 1.3mm
SCHEMATIC		

**MECHANICAL:**

DURABILITY: 5000 Cycles (Insertion & Withdrawl)

**ELECTRICAL:**

CONTACT RESISTANCE: Will Not Exceed 0.1 ohm

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 - 1 0 0 - Z

**CENTER PIN DIAMETER:**

2 - 1.0mm

3 - 1.3mm

**PCB MOUNTING OPTIONS:**

1 - SOLDER TAIL (Tapered Pin)

**PACKAGING:**

0 - TRAY

RoHS  
COMPLIANT

Rev	Drawn	Checked	Approved	Date	<b>SMP TECHNOLOGY, INC.</b>		
0	Issued	B.S.	S.M.	S.M.		05/12/11	
					DC Power Jack, Right Angle Surface Mount, 1.0, 1.3mm Pin Diameter,		
					5.2mm Height, Solder Tail (Tapered Pin)		
TOL. DEC.	.X +/- 0.3	.XX +/- 0.15	.XXX +/-	ANGLE +/- 3°	UNIT: mm	P/N: P002-x400-100-Z	Pg: 1