



Mating DC Socket

**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, NICKEL PLATED

GROUND CONTACT: COPPER ALLOY, TIN PLATED

TERMINAL: COPPER ALLOY, TIN PLATED

MODEL NO.	P001-X02B-00X-Z
SCHMATIC	
CENTER PIN	∅ 1.45; 2.00; 2.35; 2.50 mm

**HOW TO ORDER:**

P 0 0 1 - X 0 2 B - 0 0 X - Z

**CENTER PIN DIAMETER:**

- A - 1.45 mm
- B - 2.35 mm
- 6 - 2.00 mm
- 7 - 2.50 mm

**PCB MOUNTING OPTIONS:**

4 - Solder Eyelet

0 - Standard

H - High Current Model

**RoHS COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	11/03/08

**SMP TECHNOLOGY, INC.**

DC Power Jack, Panel Mount, Pin Diameter, Vertical,

8.8 mm x 12 mm x 15.5 mm Body

TOL. DEC. .X +/- 0.35 .XX +/- 0.20 .XXX +/- ANGLE +/- 3° UNIT: mm

P/N: P001-X02B-00X-Z

Pg: 1