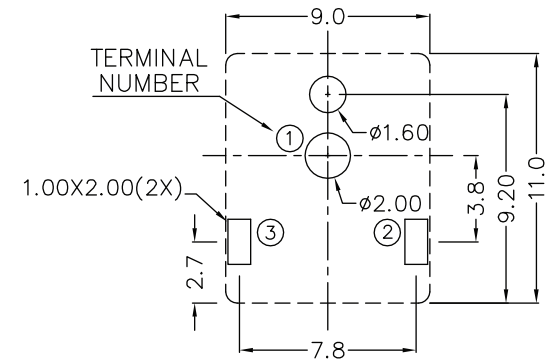


DC MATE PLUG

MODEL NO.	P001-420A-00X-Z
SCHMATIC	
CENTER PIN	φ1.65mm



PCB LAYOUT

**HOW TO ORDER:**

**P 0 0 1 - 4 2 0 A - 0 0 X - Z**

**CENTER PIN DIAMETER:**

4 - 1.65mm

**PCB MOUNTING OPTIONS:**

0 - Solder Tail

0 - Standard

H - High Current Model

**RoHS COMPLIANT**

**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

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

**SMP TECHNOLOGY, INC.**

DC Power Jack, Panel Mount, 1.65mm Pin Diameter, Vertical,

7mm x 10mm x 13mm Height

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

P/N: P001-420A-00X-Z

Pg: 1