



Part Number : SPM04002

**4 Pin Spindle Motor Connector
Straight SMT Mounting**

- 1.3mm height ,1.2mm pitch
- 0.4mm compression to create
- Normal force 40gf Min
- Suitable for Pb-free application
- Additional cap for automation pick and place process

1. Material:

- A. Insulator: 33% Glass Reinforced Polyphthalamide (PPA), UL94V-0, Color Black
- B. Cap: 33% Glass Reinforced Polyphthalamide (PPA), UL94V-0, Color Black
- C. Contact Pin: 0.20mm Thick Strip, Copper Alloy, Phosphor Bronze

2. Finish: 8 micro-inch (0.20 micron) Min gold plated at mating area.

Gold flash at solder tail.

50-100 micro-inch (1.27-2.54 micron) nickel under plated.

3. Electrical specifications:

Current rating: 1.0 A

Insulation resistance: 1000M ohms Min

Dielectric strength: 1000 VDC for 1 minute Min

Contact resistance: 30 milliohms Max

Operation temperature: -55° to +105°C

4. Mechanical specifications:

Durability: 25 cycles min.

Normal force at working point: 40g min.

5. Packaging:

Parts to be packaged in anti-static tape and reel for automatic placement.

