



Part Number : BC5470R03001

**3 Contacts Battery Connector
Right Angle SMT Mounting**

- 6.96 mm height, 5.40 mm contact height from PCB surface
- 3.73mm pitch
- 1.00 mm compression height
- Additional solder pad for force balance
- Side compress type

1. Material:

Pin: Copper alloy

Insulator: Glass filled high temperature Engineering Plastics UL94V-0, black

2. Finish:

15 micro-inch(0.38 micron) Min gold plating at mating area, 50-100 micro-inch(1.27-2.54 micron) pure tin at solder tail and 50-100 micro-inch (1.27-2.54 micron) nickel under plated.

3. Electrical specifications:

Voltage rating: 250 Vac min

Current rating: 2.0 A min

Dielectric strength: 1000 Vac for 1 minute min

Insulation resistance: 1000 MEG ohm min

Contact resistance: 30 milliohm max

Operation temperature: -55°C to +125°C

4. Mechanical specifications:

Durability: 5,000 cycles

Normal force at mated position: 60g min

5. Packaging:

Parts to be packaged in anti-static tape and reel. All packaging materials to be approved by Amphenol engineering.

