



**Part Number : BC2718L03001**

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

- Board-cut for slim phone application
- 2.80 mm pitch
- 0.8 mm compression height
- Additional solder pad for force balance
- Side compress type

**1. Material:**

Pin: Byrellium Copper  
Insulator: PA46 or equivalent UL94V-0, black

**2. Finish:**

Contact: Gold flash all over; 50-100 micro-inch(1.27-2.54 micron) pure tin at solder tab and 50-100 micro-inch (1.27-2.54 micron) nickel under plated.

**3. Electrical specifications:**

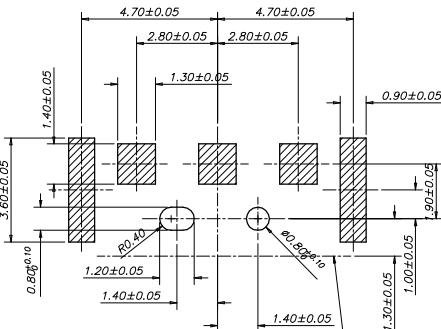
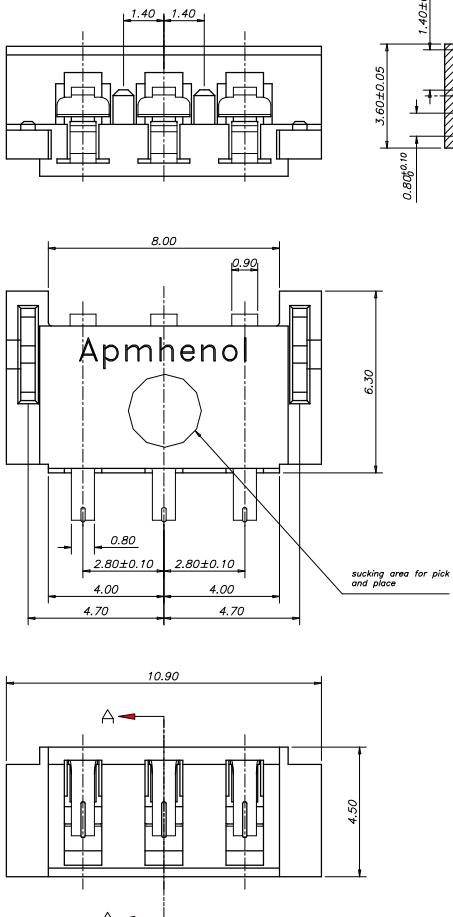
Voltage rating: 250 Vac min  
Current rating: 2.0 A min  
Dielectric strength: 1000 Vac for 1 minute min  
Insulation resistance: 1000 MEG ohm min  
Contact resistance: 30 milliohm max  
Operation temperature: -55°C to +125°C

**4. Mechanical specifications:**

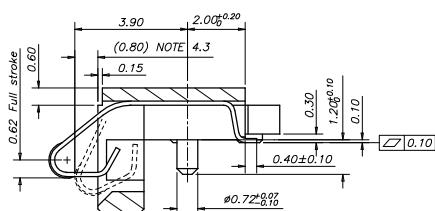
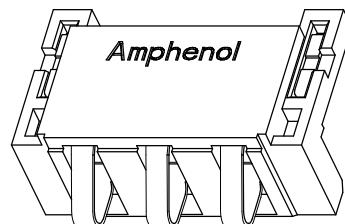
Durability: 5,000 cycles  
Normal force at mated position: 100g min

**5. Packaging:**

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



Recommended PCB layout



SECTION A-A

