PCB IC Socket

Technical Data

Material:
- Pin (outer sleeve): Brass, machined, CuZn38Pb2
- Clip (contact 4 finger): Beryllium copper, heat treated or PHBZ
- Plating (outer sleeve): 2µm / 80µ" Nickel, Gold Flash
- Plating Clip (contact): 2µm / 80µ" Nickel, Gold Flash
- Insulator Body (black): Glass filled Thermoplastic Polyester

Electrical:
- Current Rating: 3 Amps / contact max.
- Contact Resistance: 4m / contact
- Insulation Resistance: 10,000MΩ at 500V AC
- Rated Voltage: 100 Vrms / 150V DC

Mechanical:
- Operating Temperature (Continuous): -40°C to +150°C
  - Average insertion force with steel pin of: £ × 0.43mm / 0.017" < 250g
  - Average withdrawal force with steel pin of: £ × 0.43mm / 0.017" > 50g
- Mechanical Life: Min. 200 Cycles

Environmental Data:
- Solderability (IEC 60068-2-20. Ta): 235°C, 2 sec
- Resistance to soldering heat (IEC 60068-2-20. Tb): Through hole mount components: 260°C, 10 sec

Specifications:
- Connector Type: DIP Socket
- Pitch Spacing: 2.54mm
- Row Pitch: 7.62mm
- Contact Termination: Through Hole Vertical
- Contact Material: Beryllium Copper
- Contact Plating: Gold
## PCB IC Socket

![PCB IC Socket Diagram](image)

**Dimensions:** Millimetres

### Part Number Table

<table>
<thead>
<tr>
<th>Description</th>
<th>Number of Pins</th>
<th>Dimensions</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB IC Socket, Solder Tail, Gold Sleeve, Gold Clip</td>
<td>8</td>
<td>10.16, 7.62, 76, 10.16</td>
<td>SPC15511</td>
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