3M™ Pak 8 Plug Connector
0.8 mm, Vertical, Surfacemount, 3 mm Stack Height  

- 0.8 mm pitch connector system
- 3 mm mated stack height
- Surface mount design
- Locking mechanism with audible click when fully-mated
- Tape and reel with suction covers available for automated assembly placement
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: February 23, 2017  
TS-1096-G  
Sheet 1 of 2

Physical

Insulation
- Material: High Temp Thermo Plastic
- Flammability: UL 94V-0
- Color: Natural

Contact:
- Material: Copper Alloy

Plating:
- Underplating: 50 µ” [1.25 µm] Nickel
- Wiping Area: 8 µ” [0.20 µm] Gold
- Solder Tails: Gold Flash

Mating Compatibility: P08 Series Sockets. TS-1150

Electrical

- Current Rating: 0.5 A
- Voltage Rating: 60 V_{AC/DC}
- Insulation Resistance: 10^{9} MΩ min. at 500 V_{DC}
- Withstanding Voltage: 250 V_{AC} for 1 minute

Environmental

- Temperature Rating: -55°C to +85°C
- Process Rating: 245°C (profile per J-STD-020)
- Moisture Sensitivity Level: MSL 1 (per J-STD-020)
## 3M™ Pak 8 Plug Connector

**0.8 mm, Vertical, Surfacemount, 3 mm Stack Height**

### Dimensions

<table>
<thead>
<tr>
<th>No of Contacts</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>11.65</td>
<td>7.2</td>
<td>9.5</td>
<td>9.5</td>
<td>7.2</td>
<td>0.1</td>
</tr>
</tbody>
</table>

### Stacking Matrix

<table>
<thead>
<tr>
<th>Plug Type</th>
<th>Dim G</th>
<th>A Skt</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2.72</td>
<td>3</td>
</tr>
</tbody>
</table>

### Ordering Information

**P08 - XXX - PLXX - A - G** (RIA E1 & C1 apply)

- **Contact Quantity**
  - See Table

- **Packaging:**
  - T = Tape & Reel (opt)
  - Blank = Tube Pack

- **Height Options:**
  - A = 2.72 mm Height

- C = Suction Cover
  - Blank = none

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