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

- 0.8 mm pitch connector system
- Mated heights available from 3 mm to 8 mm
- 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)

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 Plugs. TS-1096

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: 260°C (profile per J-STD-020)
- Moisture Sensitivity Level: MSL 1 (per J-STD-020)
3M™ Pak 8 Socket Connector
0.8 mm, Vertical, Surfacemount, 3 mm to 8 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>
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Stacking Matrix

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<th>Skt Type</th>
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<th>A Plug</th>
<th>B Plug</th>
<th>C Plug</th>
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<td>5.2</td>
<td>6</td>
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Not Available:
16 Contact: B Socket & C Plug (5, 6, 7 and 8 mm)
24 Contact: B Plug (4 and 7 mm)

Ordering Information

P08 - XXX - SLXX - X - G (RIA E1 & C1 apply)

Contact Quantity
See Table

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

Height Options:
A = 2.2 mm Height
B = 5.2 mm Height (Excludes 16 Contact)

Vacuum Pickup:
C = Adhesive Suction Cover
M = Molded suction cover (preferred for RoHS processes)
Blank = None
(M options require Tape and Reel Packaging)

TS-1150-F
Sheet 2 of 2

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