3M™ Pin Strip Header
2.54 mm and 2.54 mm x 2.54 mm, Right Angle, Surface Mount 961 Series

- High temperature dielectric
- “No lead” reflow solder compatible
- End stackable feature
- Single- and dual row version
- 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 Temperature Thermoplastic
- Flammability: UL 94V-0
- Color: Black

**Contact**
- Material: Copper Alloy

**Plating**
- Underplating: 1.25–2.5 μm [50–100 μ"] Nickel
- Wiping Area: Flash Gold
- Solder Tail Area: 1–3 μm [40–118 μ"] Matte Tin

Electrical

- **Current Rating:** 2 A
- **Insulation Resistance:** > $5 \times 10^8$ Ohm at 100 $V_{DC}$
- **Withstanding Voltage:** 1000 $V_{DC}$

Environmental

- **Temperature Range:** -25 °C to +105 °C
- **Processing Temperature:** max. 260 °C (Profile per J-STD-020C)
- **Moisture Sensitivity Level:** 1 (per J-STD-020C)

UL File No.: E68080
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Tape & Reel Option

<table>
<thead>
<tr>
<th>Contact Quantity</th>
<th>5</th>
<th>6–7</th>
<th>8–12</th>
<th>13–16</th>
<th>17–22</th>
<th>23–28</th>
<th>29–30</th>
</tr>
</thead>
<tbody>
<tr>
<td>9611xx-5500 (1 Row)</td>
<td>5–6</td>
<td>7–8</td>
<td>9–13</td>
<td>14–17</td>
<td>18–22</td>
<td>23–28</td>
<td>29–30</td>
</tr>
<tr>
<td>9611xx-5900 (1 Row)</td>
<td>10</td>
<td>12–16</td>
<td>18–24</td>
<td>26–34</td>
<td>36–44</td>
<td>46–58</td>
<td>60</td>
</tr>
<tr>
<td>9612xx-5500 (2 Row)</td>
<td>10–14</td>
<td>16–22</td>
<td>24–32</td>
<td>34–42</td>
<td>44–54</td>
<td>56–60</td>
<td></td>
</tr>
<tr>
<td>9612xx-5900 (2 Row)</td>
<td>10–14</td>
<td>16–22</td>
<td>24–32</td>
<td>34–42</td>
<td>44–54</td>
<td>56–60</td>
<td></td>
</tr>
</tbody>
</table>

Ordering Information

Rows:
1 = 1 Row
2 = 2 Row

Contact Quantity:
03–30 Pins / 1 Row
04–60 Pins / 2 Row

Mating Pin Length:
Dim ‘B’
5 = 5.8 mm [.23]
9 = 7.1 mm [.28]

Packaging:
TP = Tube without Pad
PT = Tube with Pad
PR = Tape & Reel with Pad
Note: Pad options
1 Row – 5 to 30 pos.
2 Row – 10 to 60 pos.

Tape Width
24 32 44 56 72 88 104

PCB Layout

Call your Local 3M Service Center

For technical, sales or ordering information
www.3Mconnectors.com
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