**Series 80 Mighty Mouse Contacts and Tools**

**Size #23 Non-Removable Crimp Contacts**

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**Size #23 crimp contacts for AWG #20 wire (Non-Removable)**

Standard size #23 contacts accept #22 to #28 AWG wire. Choose "large bore" versions for #20 to #22 AWG wire. Contacts are bulk packaged. Terminate with standard M22520 crimper with special positioner. **Note contacts are installed with standard size #23 insertion tools.**

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**NOTES**

**Material and Finish**

- Contact: beryllium copper alloy per ASTM B 196 or ASTM B 197, 50 microinches gold plated per ASTM B488 Type II Code C Class 1.25 over nickel underplate
- Socket contact hood: stainless steel, passivated per AMS-QQ-P-35.

**Specifications**

- Current Rating: 5 Amps maximum
- Voltage Drop (at 5 Amps and 25° C): 70 millivolts maximum
- Temperature Range: -65° to +175° C
- Socket Contact Minimum Separation Force: 0.5 ounces

**Crimp Tools and Insertion/Removal Tools**

- Crimper: M22520/2-01 Pin/Socket
- Positioner: 809-301 (large bore).

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**Size #23 Non-Removable Crimp Contacts**

<table>
<thead>
<tr>
<th>Contact Type</th>
<th>Wire Size</th>
<th>Material</th>
<th>Part Number</th>
<th>Color Band</th>
<th>Tool Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin</td>
<td>#23 – #20</td>
<td>BeCu</td>
<td>809-299</td>
<td>None</td>
<td>A, S</td>
</tr>
<tr>
<td>Socket</td>
<td>#23 – #20</td>
<td>BeCu</td>
<td>809-300</td>
<td>None</td>
<td>A, S</td>
</tr>
</tbody>
</table>

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**Crimp Tensile Strength**

<table>
<thead>
<tr>
<th>Wire Gage</th>
<th>Axial Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>#20</td>
<td>20</td>
</tr>
<tr>
<td>#22</td>
<td>12</td>
</tr>
</tbody>
</table>

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Dimensions in Inches (millimeters) are subject to change without notice.

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