.050” Mini D Ribbon (MDR) Connectors
Plastic Solder Plug Junction Shell — Non Shielded 103XX-52F0-008 Series

- Plastic solder plug junction shell — non-shielded
- Design features durable two-piece glass reinforced polyester backshell with ground strap (compatible with 101XX-3000VE plug)
- Round straight exit
- Reliable metal strain relief clamp provides grounding for cable shield
- Quick release metal latching mechanism
- Positions: 14, 20, 26, 36 and 50

Physical

Outer Shell
- Material: Glass Reinforced Polyester (PBT)
- Flammability: UL 94V-0
- Color: Black

Cable Clamp and Ground Plate
- Material: Stainless Steel
- Marking: 3M Logo and Part Number

Environmental

Temperature Rating: -20°C to +85°C
.050” Mini D Ribbon (MDR) Connectors
Plastic Solder Plug Junction Shell — Non Shielded

### 103XX-52F0-008 Series

#### Contact Dimensions

<table>
<thead>
<tr>
<th>Contact Quantity</th>
<th>Dimensions</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td></td>
<td>.72</td>
<td>1.61</td>
<td>.929</td>
</tr>
<tr>
<td></td>
<td>[ 18.2 ]</td>
<td>[ 29.5 ]</td>
<td>[ 23.6 ]</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>.87</td>
<td>1.31</td>
<td>1.08</td>
<td></td>
</tr>
<tr>
<td></td>
<td>[ 22.0 ]</td>
<td>[ 33.3 ]</td>
<td>[ 27.4 ]</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>1.02</td>
<td>1.46</td>
<td>1.23</td>
<td></td>
</tr>
<tr>
<td></td>
<td>[ 25.8 ]</td>
<td>[ 37.2 ]</td>
<td>[ 31.3 ]</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>1.27</td>
<td>1.71</td>
<td>1.48</td>
<td></td>
</tr>
<tr>
<td></td>
<td>[ 32.2 ]</td>
<td>[ 43.5 ]</td>
<td>[ 37.6 ]</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>1.62</td>
<td>2.06</td>
<td>1.83</td>
<td></td>
</tr>
<tr>
<td></td>
<td>[ 41.1 ]</td>
<td>[ 52.4 ]</td>
<td>[ 46.5 ]</td>
<td></td>
</tr>
</tbody>
</table>

#### Package Contents:
- 2 Shell Halves
- 2 Shell Assembly Screws
- 2 Shell Assembly Nuts
- 2 Latches
- 1 Strain Relief / Ground Strap Assembly

#### Notes:
1. Ground strap connection to connector shroud.
2. Non-shielded shell kit for use with solder plug connector 101XX-3000 VE series.

#### Ordering Information

103XX-52F0-008