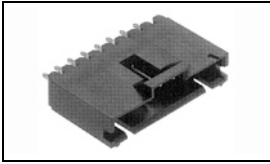


## 103908-4 Product Details



**103908-4**

TE Internal Number: 103908-4

 [Active](#)

 [View 3D PDF](#)

### .100 AMPMODU Headers, Housings & Contacts

 [5 of 6 EU RoHS/ELV Compliant \(Find RoHS Compliant Alternates/Statement of Compliance\)](#)

#### Product Highlights:

- Connector
- Connector Type = Header - Pin
- 2.54 mm Centerline
- Row-to-Row Spacing = 2.54 mm
- 5 Positions

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(1\)](#)
- ▶ [Product Feature Selector](#)
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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">HEADER ASSY, AMPMODU MTE, VERTICAL, SINGLE ROW, .100...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMPMODU MTE Interconnection System</a> (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMP* AMPMODU* MTE CONNECTORS</a> (PDF, English)</li> </ul> <p><b>CAD Files:</b> (<a href="#">CAD Format &amp; Compression Information</a>)</p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing</a> (DXF, Version P)</li> <li>• <a href="#">3D Model</a> (IGES, Version P)</li> <li>• <a href="#">3D Model</a> (STEP, Version P)</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Mating Products (1)</a></li> </ul>

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Product Type = Connector</li> <li>• Connector Type = Header - Pin</li> <li>• <a href="#">Number of Positions</a> = 5</li> <li>• <a href="#">Post Size (mm [in])</a> = 0.64 [.025]</li> <li>• <a href="#">PCB Mount Angle</a> = Vertical</li> <li>• <a href="#">Wire Termination Type</a> = Crimp, Insulation Displacement Crimp (IDC)</li> <li>• <a href="#">PCB Mount Style</a> = Through Hole</li> <li>• <a href="#">Mating Polarization</a> = With</li> <li>• <a href="#">PCB Retention Feature</a> = Yes</li> <li>• <a href="#">Mating Polarization Type</a> = Latched</li> <li>• <a href="#">Connector Series</a> = MTE</li> <li>• Comment = Use Keying Tool No. 91417-1 to remove post for keying.</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact Current Rating (Amps.) = 3</li> <li>• Termination Resistance (mΩ) = 15</li> <li>• Insulation Resistance (MΩ) = 5,000</li> <li>• Dielectric Withstanding Voltage (V) = 600</li> </ul> <p><b>Termination Related Features:</b></p> <ul style="list-style-type: none"> <li>• Solder Tail Contact Plating = Tin-Lead</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>• Centerline (mm [in]) = 2.54 [0.100]</li> <li>• Row-to-Row Spacing (mm [in]) = 2.54 [0.100]</li> <li>• <a href="#">Number of Rows</a> = 1</li> </ul>	<p><b>Contact Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">PCB Orientation Feature</a> = No</li> <li>• <a href="#">Contact Plating, Mating Area, Material</a> = Gold (30)</li> <li>• Contact Base Material = Brass</li> <li>• Contact Shape = Square</li> <li>• Approved Standards = UL E28476, CSA LR7189</li> </ul> <p><b>Housing Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Housing Color</a> = Black</li> <li>• Housing Flammability Rating = UL 94V-0</li> <li>• Housing Material = Thermoplastic - GF</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = ELV compliant, 5 of 6 Compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Wave solder capable to 240°C</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Terminate To</a> = Printed Circuit Board</li> <li>• Operating Temperature (°C) = -65 - +105</li> </ul> <p><b>Packaging Related Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Tube</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>