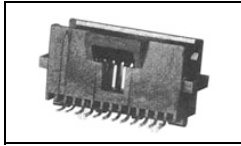


## 5-104549-2 Product Details



5-104549-2

TE Internal Number: 5-104549-2

 [Active](#)

 [View 3D PDF](#)

### .050 X .100 AMPMODU System 50 (PCB)

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Header
- Connector Style = Plug
- 20 Positions
- Number of Rows = Dual
- Shrouded

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">HEADER ASSEMBLY, W/SIDE &amp; END LATCHES, VERTICAL, SHR...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMPMODU INTERCONNECTION SYSTEM SECTION3AND4</a> (PDF, English)</li> <li>• <a href="#">Fine Pitch Stacking Connectors - 1.27mm AMPMODU Syst...</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Interconnection System, AMPMODU System 50</a> (PDF, English)</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMPMODU System 50 SMT (Surface Mount Technology) Rec...</a> (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</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 U)</li> <li>• <a href="#">3D Model</a> (IGES, Version U)</li> <li>• <a href="#">3D Model</a> (STEP, Version U)</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>Additional Product Images:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Photo</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 (5)</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>• Connector Type = Header</li> <li>• <a href="#">Shrouded</a> = Yes</li> <li>• <a href="#">Mount Angle</a> = Vertical</li> <li>• <a href="#">PCB Mount Style</a> = Surface Mount</li> <li>• <a href="#">PCB Mount Retention</a> = With</li> <li>• Hold-Down Post Material = Copper Alloy</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Hold-Down Post Plating = Tin</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Voltage (VAC) = 30</li> <li>• Insulation Resistance (MΩ) = 5,000</li> <li>• Dielectric Withstanding Voltage (V) = 500</li> </ul> <p><b>Termination Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Termination Post Length (mm [in])</a> = 2.54 [0.100]</li> <li>• Solder Tail Contact Plating = Tin over Nickel</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 20</li> <li>• <a href="#">Number of Rows</a> = Dual</li> <li>• <a href="#">PCB Mount Retention Type</a> = Hold Down Post(s)</li> </ul>	<p><b>Contact Related Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Base Material = Phosphor Bronze</li> <li>• Contact Plating, Mating Area, Material = Gold (30)</li> </ul> <p><b>Housing Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Connector Style</a> = Plug</li> <li>• Housing Material = Thermoplastic - GF</li> <li>• UL Flammability Rating = UL 94V-0</li> <li>• Housing Color = Black</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Reflow solder capable to 245°C, Reflow solder capable to 260°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> <li>• Approved Standards = UL E28476, CSA LR7189</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Temperature Range (°C) = -65 - +105</li> </ul> <p><b>Packaging Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Packaging Method</a> = Tube</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>