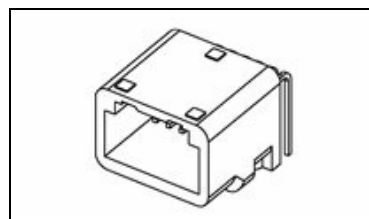




# 1318772-1 Product Details

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**1318772-1**

TE Internal Number: 1318772-1

Active

## 0.025 Series and Hybrid Connectors and Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Product Series = 025
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Connector Assembly

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Documentation & Additional Information	
Documents are temporarily unavailable. We are working hard to correct the problem. Please try again later.	<b>Additional Information:</b> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <b>Related Products:</b> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

## 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 Series = 025</li> <li>• <a href="#">Product Type</a> = Connector</li> <li>• Connector Type = Connector Assembly</li> <li>• <a href="#">PCB Mounting Orientation</a> = Right Angle</li> <li>• PCB Mount Retention = With</li> <li>• PCB Mount Retention Type = Tapping Screw</li> <li>• Sealed = No</li> <li>• PCB Mount Alignment = With</li> <li>• PCB Mount Alignment Type = Mounting Holes</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Contact Retention = Without</li> <li>• Mating Retention Type = Latching</li> <li>• Panel Mount Retention = Without</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Operating Voltage Reference = DC</li> <li>• Operating Voltage (VDC) = 12</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Termination Method to Wire/Cable = Solder</li> <li>• Termination Method to PC Board = Through Hole - Solder</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Tab Width (mm [in]) = 0.64 [0.025]</li> <li>• Tail Length (mm [in]) = 4 [0.157]</li> <li>• PCB Thickness, Recommended (mm [in]) = 1.20 [0.048], 1.60 [0.063]</li> <li>• Length (X-Axis) (mm [in]) = 18.40 [0.7244]</li> <li>• Width (Z-Axis) (mm [in]) = 18.60 [0.73228]</li> <li>• Profile Height (Y-Axis) (mm [in]) = 15.50 [0.6102]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Mating Retention = With</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Tab</li> <li>• Multiple Contact Types = Without</li> <li>• Contact Base Material = Brass</li> <li>• <a href="#">Contact Mating Area Plating (Signal)</a> = Pre-Tin</li> <li>• Contact Plating, Termination Area, Material = Pre-Tin</li> <li>• Contact Plating, Termination Area, Thickness (µm [µin]) = 0.8 - 1.5 [31.496 - 59.055]</li> <li>• Underplate Material = Copper</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Receptacle</li> <li>• Centerline (mm [in]) = 2.20 [0.087]</li> <li>• <a href="#">Housing Material</a> = PBT - GF15</li> <li>• <a href="#">Housing Color</a> = Natural</li> <li>• Mating Alignment = With</li> <li>• Mating Alignment Type = Polarization</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 12</li> <li>• Number of Rows = 2</li> <li>• Strain Relief = Without</li> <li>• GET 0.64 Connector System = No</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> = Wave solder capable to 240°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Applies To</a> = Printed Circuit Board</li> <li>• For Use With = Plug: 1318774, 1376675, 1717106 or 1746872</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Board</li> <li>• Contact Transmits (Typical Application) = Signal (Data)</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Plastic Box, Tube</li> <li>• Packaging Quantity = 23</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>
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Feedback

- Underplate Material Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 0.50 [19.685]
- Shunts/Shorting Bars = Without

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