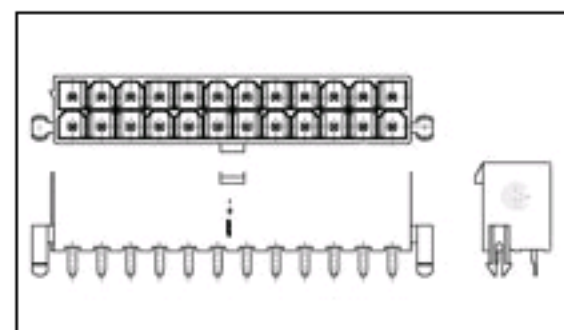




## 2029172-4 Product Details

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2029172-4

TE Internal Number: 2029172-4  
Active

### VAL-U-LOK Series Connector System

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Glow Wire Rating = Standard Part - Not Glow Wire
- Header

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Feedback

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• None Available</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>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul>	<p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• Tooling</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 Type = Connector</li> <li>• Connector Type = Header</li> <li>• PCB Mounting Orientation = Vertical</li> <li>• PCB Mount Alignment = Without</li> <li>• PCB Mount Retention = With</li> <li>• PCB Mount Retention Type = Peg(s)</li> <li>• CSA File Number = 208567</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Mating Retention Type = Latching</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact Current Rating, Max. (A) = 9</li> <li>• Operating Voltage Reference = AC</li> <li>• Operating Voltage (VAC) = 600</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Termination Method to PC Board = Through Hole - Solder</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• PCB Thickness, Recommended (mm [in]) = 1.78 [0.069]</li> <li>• Tail Length (mm [in]) = 3.5 [0.138]</li> <li>• Length (X-Axis) (mm [in]) = 9.60 [0.378]</li> <li>• Width (Z-Axis) (mm [in]) = 9.75 [0.383]</li> <li>• Profile Height (Y-Axis) (mm [in]) = 12.80 [0.504]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Header Type = Shrouded</li> <li>• Mating Retention = With</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Pin</li> <li>• Contact Base Material = Brass</li> <li>• Contact Plating, Mating Area, Material = Tin</li> <li>• Contact Plating, Termination Area, Material = Tin</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Plug</li> <li>• Centerline (mm [in]) = 4.20 [0.165]</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>• Number of Positions = 4</li> <li>• Number of Rows = 2</li> <li>• Tail Orientation = In-line</li> <li>• Shrouded = Yes</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• RoHS/ELV Compliance = RoHS compliant, ELV compliant</li> <li>• Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> <li>• UL Flammability Rating = UL 94V-2</li> <li>• Agency/Standard = CSA, UL</li> <li>• UL Rating = Recognized</li> <li>• UL File Number = E28476</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221]</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Applies To = Printed Circuit Board</li> <li>• Glow Wire Rating = Standard Part - Not Glow Wire</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Board</li> <li>• Pick and Place Cover = Without</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Package</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = TE Connectivity</li> </ul>

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