



# 1318124-2 Product Details

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**1318124-2**

TE Internal Number: 1318124-2

Active

## Dynamic Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Dynamic Series Product Line
- D-2100D Series
- Series No. = 2000
- Wire-to-Board
- Applies To Printed Circuit Board

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## 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 Line = Dynamic Series</li> <li>• Product Type = Connector</li> <li>• Connector Type = Header</li> <li>• <a href="#">PCB Mounting Orientation</a> = Vertical</li> <li>• <a href="#">PCB Mount Retention</a> = With</li> <li>• Sealed = No</li> <li>• CSA File Number = LR7189</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 - Rated Current (A) = 5</li> <li>• Operating Voltage Reference = AC/DC</li> <li>• Operating Voltage (VAC) = 250</li> <li>• Operating Voltage (VDC) = 250</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>• Tail Length (mm [in]) = 3.4 [0.134]</li> <li>• PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Row-to-Row Spacing (mm [in]) = 3.75 [0.148]</li> <li>• Mating Retention = With</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Tab</li> <li>• Contact Layout = Double Row</li> <li>• Contact Base Material = Copper Alloy</li> <li>• <a href="#">Contact Plating, Mating Area, Material</a> = Gold</li> <li>• Contact Plating, Mating Area, Thickness (µm [µin]) = 0.38 [15]</li> <li>• Multiple Contact Types = Without</li> <li>• Tail Plating Material = Tin</li> <li>• Tail Plating Thickness (µm [µin]) = 2 [78.74]</li> <li>• Underplate Material = Nickel</li> <li>• Underplate Material Thickness (µm [µin]) = 1.30 [51.180]</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Plug</li> <li>• Centerline (mm [in]) = 2.50 [0.098]</li> <li>• <a href="#">Housing Material</a> = Polyester - GF</li> <li>• Housing Color = Black</li> <li>• Mating Alignment = With</li> <li>• Mating Alignment Type = Keyed</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 6</li> <li>• <a href="#">Number of Rows</a> = 2</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, Wave solder capable to 260°C, Wave solder capable to 265°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> <li>• Agency/Standard = UL, CSA</li> <li>• UL Rating = Recognized</li> <li>• UL File Number = E28476</li> <li>• CSA Rating = Certified</li> <li>• UL Flammability Rating = UL 94V-0</li> </ul> <p><b>Identification Marking:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Keying</a> = Y</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C [°F]) = -55 - +105 [-67 - +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 = Receptacle Housing</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 = Tube</li> <li>• Packaging Quantity = 46</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Series = D-2100D</li> <li>• Series No. = 2000</li> <li>• Brand = AMP</li> </ul>
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Feedback

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