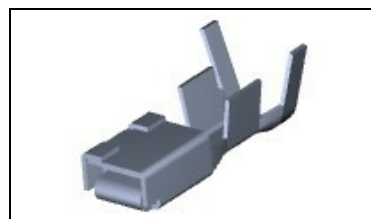




# 1318696-6 Product Details

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**1318696-6**

TE Internal Number: 1318696-6

Active

## Dynamic Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Dynamic Series Product Line
- D-5 Series
- Series No. = 5000
- Wire-to-Wire
- Applies To Wire/Cable

[View all Features](#)

### Quick Links

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Documentation & Additional Information	
Documents are temporarily unavailable. We are working hard to correct the problem. Please try again later.	<b>Related Products:</b> <ul style="list-style-type: none"> <li>• Tooling</li> <li>• Housings (15)</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 Line = Dynamic Series</li> <li>• Product Type = Contact</li> <li>• Sealed = No</li> <li>• Wire/Cable Type = Discrete Wire</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Rated Current (A) = 45</li> <li>• Operating Voltage Reference = AC/DC</li> <li>• Operating Voltage (VAC) = 630</li> <li>• Operating Voltage (VDC) = 630</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Wire/Cable Size (mm<sup>2</sup>) = 7.95 – 8.92</li> <li>• Wire/Cable Size (AWG) = 8</li> <li>• Termination Method to Wire/Cable = Crimp</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Wire Type = Stranded</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Socket</li> <li>• Contact Base Material = Copper Alloy</li> <li>• Contact Plating, Mating Area, Material = Silver</li> <li>• Contact Plating, Mating Area, Thickness (µm [µin]) = 2.54 [100]</li> <li>• Multiple Contact Types = Without</li> <li>• Underplate Material = Nickel</li> <li>• Underplate Material Thickness (µm [µin]) = 1.30 [51.180]</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 = Not relevant for lead free process</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Identification Marking:</b></p> <ul style="list-style-type: none"> <li>• Wire Range Mark = L</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>• Applies To = Wire/Cable</li> <li>• For Use With = Tab Contact</li> <li>• Accepts Wire Insulation Diameter, Range (mm [in]) = 4.90 – 7.80 [0.193 – 0.307]</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Wire</li> <li>• Contact Transmits (Typical Application) = Power</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Reel</li> <li>• Packaging Quantity = 800</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Series = D-5</li> <li>• Series No. = 5000</li> <li>• Brand = AMP</li> </ul>

Feedback

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