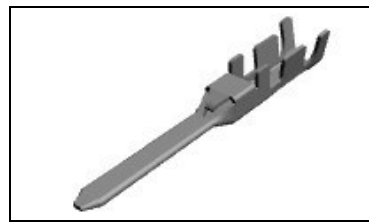




## 917512-3 Product Details

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**917512-3**

### Dynamic Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Dynamic Series Product Line
- D-3 Series
- Series No. = 3000
- Wire-to-Wire
- Applies To Wire/Cable

[View all Features](#)

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TE Internal Number: 917512-3

Active

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### Documentation & Additional Information

<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">DYNAMIC D-3 SERIES TAB CONTACT "2L" SIZE LOOSE PIECE (PDF, English)</a></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>• <a href="#">Dynamic Connector D-3000 Series (PDF, Japanese)</a></li> <li>• <a href="#">Dynamic D-3800 Series With HTS Connector (PDF, Japanese)</a></li> <li>• <a href="#">DYNAMIC D-2600 SERIES HYBRID 48P CONN (PDF, Japanese)</a></li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">DYNAMIC Series D-3, Crimp-in Type Contacts (PDF, Japanese)</a></li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">STRAIGHT ACTION HAND TOOL 234172-1 FOR DYNAMIC D-3 (PDF, English)</a></li> <li>• <a href="#">EXTRACTION TOOL FOR DYNAMIC D-3000 SERIES (PDF, English)</a></li> </ul> <p><b>CAD Files: (CAD Format &amp; Compression Information)</b></p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing (DXF, Version A)</a></li> <li>• <a href="#">3D Model (IGES, Version A)</a></li> <li>• <a href="#">3D Model (STEP, Version A)</a></li> </ul>	<p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Housings (61)</a></li> </ul>
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Feedback

### 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>• <a href="#">Insertion Force</a> = Standard</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) = 5, 7.5</li> <li>• Operating Voltage Reference = AC/DC</li> <li>• Operating Voltage (VAC) = 250, 600</li> <li>• Operating Voltage (VDC) = 250, 600</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Wire/Cable Size (mm<sup>2</sup>) = 1.25 - 2.27</li> <li>• Wire/Cable Size (AWG) = 14 - 16</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 = Tab</li> <li>• Contact Base Material = Copper Alloy</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> = 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 = 2L</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> = Wire/Cable</li> <li>• For Use With = Socket Contact</li> <li>• Accepts Wire Insulation Diameter, Range (mm [in]) = 2.20 - 2.80 [0.0866 - 0.110]</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 = Bag</li> <li>• Packaging Quantity = 1,000</li> </ul>
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- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 0.76 [29.92]
- Multiple Contact Types = Without
- Underplate Material = Nickel
- Underplate Material Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 1.30 [51.180]

**Other:**

- Series = D-3
- Series No. = 3000
- Brand = AMP

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