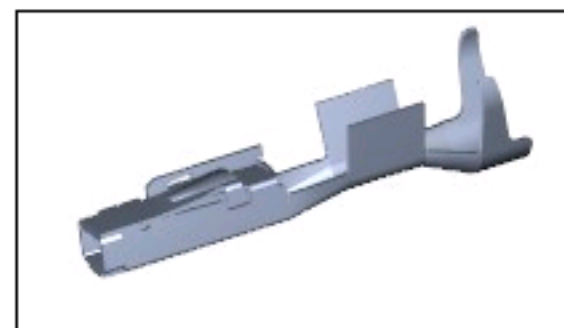




## 7-1452671-1 Product Details

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7-1452671-1

TE Internal Number: 7-1452671-1

Active

### Multiple Contact Point (MCP) & MCON Contact Systems

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- MCON Product Line, Multiple Contact Point (MCP) Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact Type = Socket

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">MCON-1.2 LL (LOCKING-LANCE) MCON-1.2 LL (RASTFEDER) (PDF, English)</a></li> <li>• <a href="#">AMP MCP1.2 LL- CONTACT AMP MCP1.2 LL- Kontakt (PDF, German)</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>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Allgemeine Crimpspezifikation / GENERAL CRIMP SPEC. (PDF, German)</a></li> <li>• <a href="#">MCON 1.2 Contact (PDF, German)</a></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>• <a href="#">Tooling</a></li> </ul>

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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 = MCON, Multiple Contact Point (MCP)</li> <li>• Product Type = Contact</li> <li>• Wire/Cable Type = FLR (Thin Walled Cable)</li> <li>• Termination Method to Wire/Cable = Crimp</li> <li>• Sealed = Yes</li> <li>• Strain Relief = Without</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Contact Retention = With</li> <li>• Contact Retention Type = Locking Lance</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Rated Current (A) = 14, 20</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Wire/Cable Size (mm<sup>2</sup>) = 1 - 1.5</li> <li>• Wire/Cable Size (AWG) = 16 - 18</li> <li>• Seal Type = Single Wire Seal(s)</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Mating Area Interface Dimensions (mm [in]) = 1.20 [.047]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Spring Material = CuNiSi</li> <li>• Spring Plating = Pre-Tin</li> <li>• Wire Type = Stranded</li> <li>• Seal Material = Silicone VMQ 50</li> <li>• Seal Color = Green</li> <li>• Used With = Tab Contact</li> </ul>	<p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Socket</li> <li>• Contact Base Material = CuSn0.15/0.20</li> <li>• Contact Plating, Mating Area, Material = Pre-Tin</li> <li>• Contact Plating, Mating Area, Thickness (µm [µin]) = 1 - 3 [39.37 - 118.11]</li> <li>• Spring Plating, Mating Area, Thickness (µm [µin]) = 1 - 3 [39.37 - 118.11]</li> <li>• Contact Style = Locking Lance</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 reviewed for lead free solder process</li> <li>• <a href="#">RoHS/ELV Compliance History</a> = Always was RoHS compliant</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Sealing System = Single Wire Sealing System (SWS)</li> <li>• Operating Temperature (°C [°F]) = -40 - +130 [-40 - +266]</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Applies To = Wire/Cable</li> <li>• Accepts Wire Insulation Diameter, Range (mm [in]) = 1.90 - 2.40 [0.075 - 0.094]</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Wire</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Reel</li> <li>• Packaging Quantity = 6,500</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = TE Connectivity</li> <li>• Comment = Seal P/N 967067-1</li> </ul>

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