

## 2-5175677-9 Product Details



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### 1.27 [.050] Series II and Series III Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Connector Style = Plug
- 100 Positions
- Applies To Cable
- With Mating Connector Lock
- Wire Size = 0.08<sup>2</sup> [28] mm<sup>2</sup> [AWG]

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TE Internal Number: 2-5175677-9

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">CHAMP .050 PLUG CONN. KIT</a> (PDF, English)</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> (CAD Format &amp; Compression Information)</p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing</a> (DXF, Version 0)</li> <li>• <a href="#">3D Model</a> (IGES, Version 0)</li> <li>• <a href="#">3D Model</a> (STEP, Version 0)</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></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>• <a href="#">Mating Connector Lock</a> = With</li> <li>• <a href="#">Wire Size (mm<sup>2</sup> [AWG])</a> = 0.08<sup>2</sup> [28]</li> <li>• <a href="#">Product Series</a> = Series II</li> <li>• <a href="#">Wire Insulation Diameter (mm [in])</a> = 0.51 - 0.71 [0.020 - 0.028]</li> <li>• <a href="#">Mating Connector Lock Type</a> = Use with Backshell Kit</li> <li>• <a href="#">Color</a> = Black</li> <li>• <a href="#">Cover Material</a> = Glass-filled PBT</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Panel Mount Retention</a> = Without</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Cover Flammability Rating</a> = UL 94V-0</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Contact Plating, Mating Area, Material</a> = Gold (30)</li> <li>• <a href="#">Contact Base Material</a> = Phosphor Bronze</li> <li>• <a href="#">Solder Tail Contact Plating</a> = Tin</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Connector Style</a> = Plug</li> <li>• <a href="#">Housing Material Temperature</a> = Standard</li> <li>• <a href="#">Centerline (mm [in])</a> = 1.27 [0.050]</li> <li>• <a href="#">Housing Material</a> = PBT - GF</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 100</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>• <a href="#">RoHS/ELV Compliance History</a> = Always was RoHS compliant</li> <li>• <a href="#">UL Flammability Rating</a> = UL 94V-0</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Applies To</a> = Cable</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Brand</a> = AMP</li> </ul>

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