



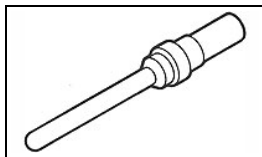
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**205089-1 Product Details**

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**205089-1**  
(M39029/64-369)  
TE Internal Number: 205089-1

**Active**

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**Subminiature D Pins/Sockets for MIL-C-24308 and MIL-C-39029**

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

**Product Highlights:**

- Contact
- Product Series = 109
- Contact Type = Pin
- Applies To Wire/Cable
- Contact Size = 20

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">PIN SIZE 20 CONTACT, AMPLIMITE</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMP Circular Connectors for Commercial Signal &amp; Powe...</a> (PDF, English)</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="#">AMPLIMITE 109 Pin And Socket Contacts Used With Astr...</a> (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMPLIMITE High Density (HDP-20) Connectors with Crim...</a> (PDF, English)</li> </ul> <p><b>CAD Files:</b> (<a href="#">CAD Format &amp; Compression Information</a>)</p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing</a> (DXF, Version BF)</li> <li>• <a href="#">3D Model</a> (IGES, Version BF)</li> <li>• <a href="#">3D Model</a> (STEP, Version BF)</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>
<p><a href="#">List all Documents</a></p>	

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="#">Product Type</a> = Contact</li> <li>• <a href="#">Product Series</a> = 109</li> <li>• <a href="#">Termination Method to Wire/Cable</a> = Crimp</li> <li>• <a href="#">Insulation Diameter (mm [in])</a> = 1.83 [0.72] Max.</li> <li>• Color Code = Yes</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• High Current = No</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Post Diameter (mm [in])</a> = 0.99 - 1.04 [0.039 - 0.041]</li> <li>• <a href="#">Wire Range (mm [AWG])</a> = 0.20-0.60<sup>2</sup> [24-20]</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Pin</li> <li>• <a href="#">Contact Size</a> = 20</li> <li>• <a href="#">Contact Style</a> = Crimp Snap-in</li> <li>• Contact Base Material = Copper Alloy</li> <li>• Contact Plating, Mating Area, Material = Gold</li> </ul>	<p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• Government/Industry Qualification = Yes</li> <li>• Government/Industry Part Number = M39029/64-369</li> <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> <li>• NASA Qualification = No</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Applies To = Wire/Cable</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Loose Piece</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>

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