



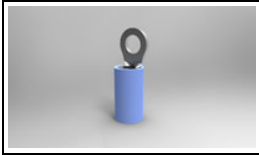
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**51864 Product Details**

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**51864**  
(MS25036-107)  
TE Internal Number: 51864  
✔ Active

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**Ring and Spade Tongue Terminals**

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Terminal Shape = Ring Tongue
- Receptacle Style = Straight
- Body Style = PIDG
- Barrel Type = Closed Barrel
- Wire/Cable Type = Regular Wire

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>TERMINAL, RING TONGUE, PIDG, WIRE SIZE, 16-14 AWG (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>Pre-Insulated Diamond Grip (PIDG) Terminals, Splices... (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>None Available</li> </ul> <p><b>CAD Files: (CAD Format &amp; Compression Information)</b></p> <ul style="list-style-type: none"> <li>2D Drawing (DXF, Version AE)</li> <li>3D Model (IGES, Version AE)</li> <li>3D Model (STEP, Version AE)</li> </ul>	<p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>Tooling</li> </ul>
<a href="#">List all Documents</a>	

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>Terminal Shape = Ring Tongue</li> <li>Receptacle Style = Straight</li> <li>Barrel Type = Closed Barrel</li> <li>Wire/Cable Type = Regular Wire</li> <li>Insulation = Yes</li> <li>Insulation Support = Insulation Support</li> <li>Stud Diameter (mm [in]) = 3.68 [0.145]</li> <li>Stud Size = 6 [M3.5]</li> <li>Shape = RING-041</li> <li>Heavy Duty = No</li> <li>Finish = Tin</li> <li>Color = Blue</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>Voltage (VAC) = 300</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>Wire/Cable Size (CMA) = 2,050 - 5,180</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>Insulation Diameter (mm [in]) = 2.67 - 3.81 [.105 - .150]</li> <li>Length (mm [in]) = 21.44 [0.844]</li> </ul>	<p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>Body Style = PIDG</li> <li>Wire Range (mm [AWG]) = 1.25-2.00<sup>2</sup> [16-14]</li> <li>Material = Copper</li> <li>Tongue Material Thickness (mm [in]) = 0.79 [0.031]</li> <li>Insulation Material = Nylon</li> <li>Insulation Sleeve Material = Copper</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>Class = 1 &amp; 2</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 = MS25036-107</li> <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>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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