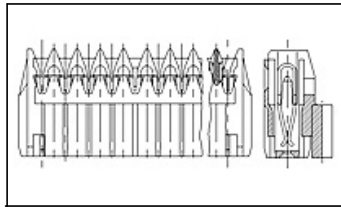


## 1-827864-2 Product Details

[Live Product Chat](#)



**1-827864-2**

TE Internal Number: 1-827864-2

[Preliminary](#)

### MTIS (MT Interconnection System)

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

#### Product Highlights:

- Connector
- 12 Positions
- Number of Rows = Single
- Wire Range (Solid) = 0.40-0.50 mm [AWG]
- Wire Range (Stranded) = 0.22-0.25<sup>2</sup> [7 x] mm? [AWG]

[View all Features](#)

#### Quick Links

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Automachine and General Products</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>• 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></p> <ul style="list-style-type: none"> <li>• None Available</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>

[List all Documents](#)

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 Type = Connector</li> <li>• Number of Positions = 12</li> <li>• Color = Red</li> <li>• Keyed = Yes</li> <li>• Mounting Ears = Without</li> <li>• Mating Connector Lock = Without</li> <li>• Insulation Diameter (mm [in]) = 1.09-1.30 [.043-.051]</li> <li>• Connector Style = Wire to Post</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>• Number of Rows = Single</li> <li>• Wire Range (Solid) (mm [AWG]) = 0.40-0.50</li> <li>• Wire Range (Stranded) (mm? [AWG]) = 0.22-0.25<sup>2</sup> [7 x]</li> <li>• Daisy Chain = Without</li> <li>• Centerline (mm [in]) = 2.50 [0.098]</li> </ul> <p><b>Contact Related Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Plating, Mating Area, Material = Pre-Tin</li> <li>• Contact Base Material = Phosphor Bronze</li> </ul>	<p><b>Housing Related Features:</b></p> <ul style="list-style-type: none"> <li>• Housing Material = Thermoplastic - GF</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> = Wave solder capable to 240°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Terminate To = Wire</li> </ul> <p><b>Packaging Related Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Tape Mounted on Reel</li> <li>• Packaging Quantity = 2,000</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>

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