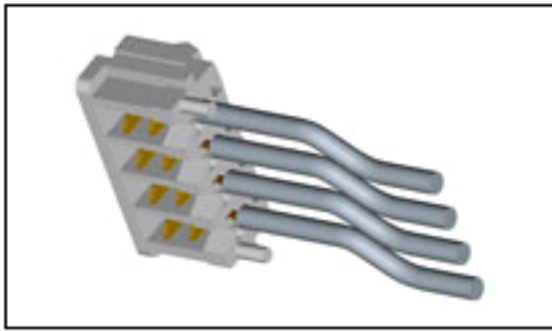


# 1-173977-3 Product Details

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1-173977-3

TE Internal Number: 1-173977-3

Active

View 3D PDF

## 2mm AMP CT Connectors

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

### Product Highlights:

- Wire-to-Board, Wire-to-Board / Wire-to-Wire, Wire-to-Wire
- Applies To Wire/Cable
- Connector
- Connector Assembly
- Connector Style = Receptacle

[View all Features](#)

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">MT REC HOUSING ASS'Y ( AMP CT CONNECTOR 2mm PITCH )</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">2.0MM AMP CT CONNECTOR SERIES QUICK REF GUIDE</a> (PDF, English)</li> <li>• <a href="#">POWER CONNECTORS CATALOG SEC02 CABLE MOUNTED</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMP Common Termination (CT), Conn, 2mm Pitch, M/T Type</a> (PDF, English)</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMP Common Termination (CT) Connector Termination of...</a> (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">MINI PRESS CT CONNECTOR (WAS IS-553J)</a> (PDF, Japanese)</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 M)</li> <li>• <a href="#">3D Model</a> (IGES, Version M)</li> <li>• <a href="#">3D Model</a> (STEP, Version M)</li> </ul>	<p><b>Additional Product Images:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Typical Application</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Mating Products (8)</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>• <a href="#">Product Type</a> = Connector</li> <li>• Connector Type = Connector Assembly</li> <li>• Termination Method to Wire/Cable = IDC</li> <li>• Sealed = No</li> <li>• UL File Number = E28476</li> <li>• CSA File Number = LR 7189</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Rated Current (A) = 2</li> <li>• Operating Voltage Reference = AC/DC, AC, DC</li> <li>• Operating Voltage (VAC) = 125</li> <li>• Operating Voltage (VDC) = 125</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Wire/Cable Size (AWG) = 26 - 28</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Profile Height (Y-Axis) (mm [in]) = 5.10 [0.200]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Number of Positions</a> = 13</li> <li>• <a href="#">Number of Rows</a> = 1</li> <li>• Centerline (mm [in]) = 2.00 [0.079]</li> <li>• Mating Retention = Without</li> <li>• Length (X-Axis) (mm [in]) = 28.00 [1.1024]</li> <li>• Width (Z-Axis) (mm [in]) = 4.60 [0.181]</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Socket</li> <li>• Contact Plating, Mating Area, Material = Pre-Tin</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Receptacle</li> <li>• Housing Color = Natural</li> <li>• UL Flammability Rating = UL 94V-0</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>• RoHS/ELV Compliance History = Always was RoHS compliant</li> <li>• Agency/Standard = UL, CSA</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221]</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]) = 0.85 - 1.05 [0.0334 - 0.041]</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Board, Wire-to-Board / Wire-to-Wire, Wire-to-Wire</li> <li>• Contact Transmits (Typical Application) = Signal (Data)</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Bag, Box</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>

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