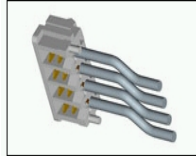


6-173977-5 Product Details



6-173977-5

TE Internal Number: 6-173977-5

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
- 2.00 mm Centerline
- Connector
- Housing

[View all Features](#)

Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) Request Sample Find Similar Products Buy Product

Documentation & Additional Information

Product Drawings:

- [MT REC HOUSING ASSY \(AMP CT CONNECTOR 2mm PITCH \)](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [AMP Common Termination \(CT\), Conn, 2mm Pitch, M/T Type](#) (PDF, English)

Application Specifications:

- [AMP Common Termination \(CT\) Connector Termination of...](#) (PDF, English)

Instruction Sheets:

- [MINI PRESS CT CONNECTOR \(WAS IS-5531\)](#) (PDF, Japanese)

CAD Files: [\(CAD Format & Compression Information\)](#)

- [2D Drawing](#) (DXF, Version G)
- [3D Model](#) (IGES, Version G)
- [3D Model](#) (STEP, Version G)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Typical Application](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Product Type](#) = Connector
- Connector Type = Housing
- Drawer Connector = No
- Termination Method to Wire/Cable = IDC
- Product Line = CT
- CSA File Number = LR 7189

Electrical Characteristics:

- Contact Current Rating (A) = 2
- Operating Voltage Reference = AC/DC
- Operating Voltage (V) = 125

Body Related Features:

- Centerline (mm [in]) = 2.00 [0.079]
- [Number of Positions](#) = 5
- [Number of Rows](#) = 1
- Mating Retention = Without
- Length (X-Axis) (mm [in]) = 12.00 [0.472]
- Width (Z-Axis) (mm [in]) = 4.60 [0.181]
- Profile Height (Y-Axis) (mm [in]) = 5.10 [0.200]

Contact Related Features:

- Contact Plating, Mating Area, Material = Pre-Tin
- Preloaded = Yes
- Contact Type = Socket

Housing Related Features:

- Connector Style = Receptacle
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- UL Rating = E28476

Conditions for Usage:

- Applies To = Wire
- Wire Gauge, Applicable (AWG) = 26 - 28
- Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]
- Accepts Wire Insulation Diameter, Range (mm [in]) = 0.85 - 1.05 [0.0334 - 0.041]

Operation/Application:

- Application Use = Wire-to-Board, Wire-to-Board/Wire-to-Wire, Wire-to-Wire

Packaging Related Features:

- Packaging Method = Bag, Box

Other:

- Brand = AMP



Corporate Information

[Who We Are](#)
[Investors](#)
[News Room](#)
[Supplier Portal](#)
[Careers](#)

Quick Links

[Check Distributor Inventory](#)
[Cross Reference](#)
[Find Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)

Customer Support

[Email or Chat with Us](#)
[Find a Phone Number](#)
[Search Knowledge Base](#)
[Manage Your Account](#)

Sign up for our eNewsletter

Enter your email address

Follow Us On:



Visit Us On:

