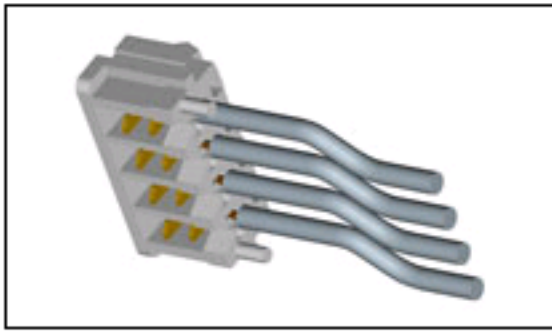


1-173977-3 Product Details

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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

Product Drawings:

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

Catalog Pages/Data Sheets:

- [2.0MM AMP CT CONNECTOR SERIES QUICK REF GUIDE](#) (PDF, English)
- [POWER CONNECTORS CATALOG SEC02 CABLE MOUNTED](#) (PDF, English)

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 \(WAS IS-553J\)](#) (PDF, Japanese)

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

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

[List all Documents](#)

Additional Product Images:

- [Typical Application](#)

Related Products:

- [Tooling](#)
- [Mating Products \(8\)](#)

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

Product Type Features:

- [Product Type](#) = Connector
- Connector Type = Connector Assembly
- Termination Method to Wire/Cable = IDC
- Sealed = No
- UL File Number = E28476
- CSA File Number = LR 7189

Electrical Characteristics:

- Contact - Rated Current (A) = 2
- Operating Voltage Reference = AC/DC, AC, DC
- Operating Voltage (VAC) = 125
- Operating Voltage (VDC) = 125

Termination Features:

- Wire/Cable Size (AWG) = 26 - 28

Dimensions:

- Profile Height (Y-Axis) (mm [in]) = 5.10 [0.200]

Body Features:

- [Number of Positions](#) = 13
- [Number of Rows](#) = 1
- Centerline (mm [in]) = 2.00 [0.079]
- Mating Retention = Without
- Length (X-Axis) (mm [in]) = 28.00 [1.1024]
- Width (Z-Axis) (mm [in]) = 4.60 [0.181]

Contact Features:

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

Housing Features:

- Connector Style = Receptacle
- Housing Color = Natural
- 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
- Agency/Standard = UL, CSA

Environmental:

- Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221]

Conditions for Usage:

- Applies To = Wire/Cable
- 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
- Contact Transmits (Typical Application) = Signal (Data)

Packaging Features:

- Packaging Method = Bag, Box

Other:

- Brand = AMP

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