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1-292231-2 Product Details

Industries



TE Internal Number: 1-292231-2 Active

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1.5mm AMP Mini CT Connectors

About TE

Always EU RoHS/ELV Compliant (Statement of Compliance)

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Product Highlights:

- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header
- Header Type = Shrouded

View all Features







Innovation

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Documentation & Additional Information

Product Drawings:

AMP MINI COMMON TERMINATED (CT) CONNECTOR 1.5 mm PI... (PDF, English)

Catalog Pages/Data Sheets:

6-1773454-5_AMP_Mini_CT_Connector_Series_QRG (PDF, English)

- AMP MINI CCOMMON TERMINATION (CT), CONNECTOR, 1.5mm ... (PDF, Japanese)
- AMP Mini CT Connector 1.5mm Pitch (Crimp Type), Lead... (PDF, Japanese)

Application Specifications:

None Available

Instruction Sheets:

None Available

CAD Files: (CAD Format & Compression Information) 2D Drawing (DXF, Version B1)

- 3D Model (IGES, Version B1)
- 3D Model (STEP, Version B1)

List all Documents

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

Product Type Features:

- Product Type = Connector
- Connector Type = Header
- Termination Method to PC Board = Surface Mount
- PCB Mounting Orientation = Vertical • PCB Mount Alignment = Without
- PCB Mount Retention = Without
- Shrouded = Yes
- Sealed = No
- UL File Number = E28476
- CSA File Number = LR 7189-133

Electrical Characteristics:

- Contact Rated Current (A) = 2
- Operating Voltage Reference = AC/DC, AC, DC
- Operating Voltage (VAC) = 50
- Operating Voltage (VDC) = 50

Termination Features:

- Wire/Cable Size (AWG) = 24 28
- Tail Orientation = Staggered

- Mating Post Length (mm [in]) = 2.40 [0.095]
- PCB Thickness, Recommended (mm [in]) = 0.80 [0.031]
- Length (X-Axis) (mm [in]) = 20.50 [0.807]
- Width (Z-Axis) (mm [in]) = 4.70 [0.185]
- Profile Height (Y-Axis) (mm [in]) = 6.90 [0.272]

Body Features:

- Header Type = Shrouded
- · Mating Retention = With

Contact Features:

- Contact Type = Pin
- Contact Plating, Mating Area, Material = Tin
- Contact Plating, Mating Area, Thickness (μ m [μ in]) = 1 [39.37] Contact Design = Square Post
- Contact Plating, Termination Area, Material = Tin
- Contact Plating, Termination Area, Thickness (μ m [μ in]) = 1 [40]

Housing Features:

- Centerline (mm [in]) = 1.50 [0.059]
- Mating Alignment = With Housing Color = Natural
- UL Flammability Rating = UL 94V-0

Configuration Features: Number of Positions = 12

- Number of Rows = 1

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Reflow solder capable to 245°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Agency/Standard = UL, CSA

Environmental:

Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]

Conditions for Usage:

- Applies To = Printed Circuit Board
- Accepts Wire Insulation Diameter, Range (mm [in]) = 0.85 1.05 [0.0334 - 0.041]

Operation/Application:

- Application Use = Wire-to-Board
- Contact Transmits (Typical Application) = Signal (Data)
- Pick and Place Cover = Without

Packaging Features:

Packaging Method = Tape, Box

Other:

Brand = AMP

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