

292207-9 Product Details



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TE Internal Number: 292207-9

Active

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1.5mm AMP Mini CT Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [AMP Mini CT Connector 1.5mm Pitch](#) (PDF, English)

Catalog Pages/Data Sheets:

- [6-1773454-5 AMP Mini CT Connector Series QRG](#) (PDF, English)

Product Specifications:

- [AMP MINI COMMON 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 A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

Related Products:

- [Tooling](#)
- [Mating Products \(4\)](#)

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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 = Through Hole - Solder
- PCB Mounting Orientation = Vertical
- PCB Mount Alignment = With
- [PCB Mount Retention](#) = With
- Shrouded = Yes
- Sealed = No
- UL File Number = E28476
- CSA File Number = LR 7189-133

Mechanical Attachment:

- Mating Post Length (mm [in]) = 2.40 [0.095]

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
- Tail Length (mm [in]) = 3 [0.118]

Body Features:

- Header Type = Shrouded
- [Number of Positions](#) = 9
- [Number of Rows](#) = 1
- Centerline (mm [in]) = 1.50 [0.059]
- Mating Retention = With
- PCB Mount Retention Type = Kinked Leg(s)
- Length (X-Axis) (mm [in]) = 16.00 [0.6299]
- Width (Z-Axis) (mm [in]) = 4.70 [0.185]
- Profile Height (Y-Axis) (mm [in]) = 8.40 [0.330]

Contact Features:

- Contact Type = Pin
- Contact Plating, Mating Area, Material = Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 1 [39.37]
- Contact Design = Square Post
- Tail Plating Material = Tin
- Tail Plating, Thickness (µm [µin]) = 1 [40]

Housing Features:

- Mating Alignment = With
- Housing Color = Natural
- UL Flammability Rating = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°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
- PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]
- 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 = Tray, Box

Other:

- Brand = AMP

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