

## 292207-2 Product Details

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292207-2

TE Internal Number: 292207-2  
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](#)

#### Quick Links

- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ View Mating Products (4)
- ▶ Product Feature Selector
- ▶ Contact Us About This Product

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

#### Related Products:

- Tooling
- Mating Products (4)

[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 = Through Hole - Solder
- PCB Mounting Orientation = Vertical
- PCB Mount Alignment = With
- PCB Mount Retention = With
- PCB Mount Retention Type = Kinked Leg(s)
- 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
- Tail Length (mm [in]) = 3 [0.118]

#### Dimensions:

- Mating Post Length (mm [in]) = 2.40 [0.095]
- PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]
- Length (X-Axis) (mm [in]) = 5.50 [0.216]
- Width (Z-Axis) (mm [in]) = 4.70 [0.185]
- Profile Height (Y-Axis) (mm [in]) = 8.40 [0.330]

#### Body Features:

- Header Type = Shrouded
- Mating Retention = With

#### 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
- Contact Plating, Termination Area, Material = Tin
- Contact Plating, Termination Area, Thickness (µm [µin]) = 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 = 2
- Number of Rows = 1

#### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Agency/Standard = CSA, UL

#### 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 = Tray, Box

#### Other:

- Brand = AMP

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