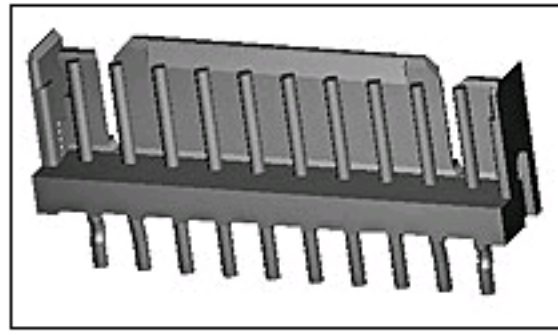




## 292161-4 Product Details



292161-4

TE Internal Number: 292161-4  
Active

[View 3D PDF](#)

### 2mm AMP CT Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

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

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(3\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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### Documentation & Additional Information

#### Product Drawings:

- [POST HEADER ASS'Y VERTICAL TYPE \(AMP CT CONNECTOR 2m... \(PDF, English\)](#)

#### Catalog Pages/Data Sheets:

- [2.0MM\\_AMP\\_CT\\_CONNECTOR\\_SERIES\\_QUICK\\_REF\\_GUIDE \(PDF, English\)](#)

#### Product Specifications:

- None Available

#### 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 \(STEP, Version A\)](#)

[List all Documents](#)

#### Additional Product Images:

- [Typical Application](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(3\)](#)

### 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 = Without
- PCB Mount Retention = With
- PCB Mount Retention Type = Kinked Leg(s)
- Shrouded = Yes - Partial
- Sealed = No
- UL File Number = E28476
- CSA File Number = LR 7189

#### Electrical Characteristics:

- Contact - Rated Current (A) = 4
- Operating Voltage Reference = AC/DC, AC, DC
- Operating Voltage (VAC) = 125
- Operating Voltage (VDC) = 125

#### Termination Features:

- Wire/Cable Size (AWG) = 22 - 28
- Tail Orientation = In-line
- Tail Length (mm [in]) = 3.2 [0.126]

#### Dimensions:

- Mating Post Length (mm [in]) = 4.50 [0.177]
- PCB Thickness, Recommended (mm [in]) = 0.80 - 1.60 [0.031 - 0.063]
- Length (X-Axis) (mm [in]) = 9.80 [0.386]
- Width (Z-Axis) (mm [in]) = 3.60 [0.141]
- Profile Height (Y-Axis) (mm [in]) = 6.80 [0.267]

#### Body Features:

- Header Type = Partially Shrouded
- Mating Retention = Without

#### Contact Features:

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

#### Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 2.00 [0.079]
- Housing Color = Natural
- UL Flammability Rating = UL 94V-0

#### Configuration Features:

- Number of Positions = 4
- Number of Rows = 1

#### Industry Standards:

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

#### Environmental:

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

#### Conditions for Usage:

- Applies To = Printed Circuit Board

#### Operation/Application:

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

#### Packaging Features:

- Packaging Method = Bag, Box

#### Other:

- Brand = AMP

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#### Quick Links

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#### Customer Support

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