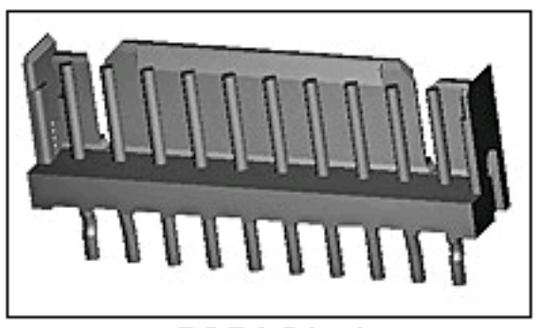
292161-4 Product Details



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

Add to My Part List | Request Sample | Find Similar Products | Buy Product

Quick Links

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

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