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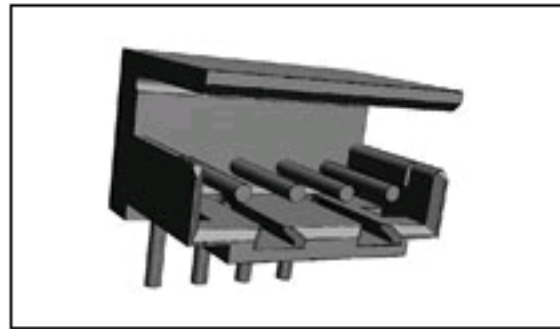Products | Industries | Resources | About TE | My Account | Innovation | Support Center

Home > Products > Discrete Wire Connectors - IDC > Product Feature Selector > Product Details

# 292250-4 Product Details

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**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 = Shrouded

**View all Features**

292250-4

TE Internal Number: 292250-4

✔ Active

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### 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 BOX-H DIP (AMP CT CONNECTOR 2mm PITCH) (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 O)
- 3D Model (IGES, Version O)
- 3D Model (STEP, Version O)

**Additional Product Images:**
- Typical Application

**Related Products:**
- Tooling
- Mating Products (3)

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 = Right Angle
- PCB Mount Alignment = Without
- PCB Mount Retention = With
- PCB Mount Retention Type = Kinked Leg(s)
- Shrouded = Yes
- 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]) = 4.20 [0.165]
- 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]) = 5.80 [0.228]
- Profile Height (Y-Axis) (mm [in]) = 8.80 [0.346]

**Body Features:**
- Header Type = 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 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]) = -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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