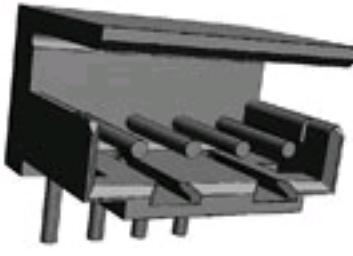




292250-6 Product Details

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292250-6

TE Internal Number: 292250-6

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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](#)

Quick Links

- Check Pricing & Availability
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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 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

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

Housing Features:

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

Electrical Characteristics:

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

Configuration Features:

- [Number of Positions](#) = 6
- [Number of Rows](#) = 1

Termination Features:

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

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

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]) = 13.80 [0.543]
- Width (Z-Axis) (mm [in]) = 5.80 [0.228]
- Profile Height (Y-Axis) (mm [in]) = 8.80 [0.346]

Environmental:

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

Body Features:

- Header Type = Shrouded
- Mating Retention = Without

Conditions for Usage:

- Applies To = Printed Circuit Board

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]

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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