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292272-5 Product Details

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292272-5

TE Internal Number: 292272-5

Active

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

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| Documentation & Additional Information | |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Product Drawings: <ul style="list-style-type: none"> • None Available | Related Products: <ul style="list-style-type: none"> • Tooling |
| Catalog Pages/Data Sheets: <ul style="list-style-type: none"> • None Available | |
| Product Specifications: <ul style="list-style-type: none"> • None Available | |
| Application Specifications: <ul style="list-style-type: none"> • None Available | |
| Instruction Sheets: <ul style="list-style-type: none"> • None Available | |
| CAD Files: <ul style="list-style-type: none"> • None Available | |

| Product Features (Please use the Product Drawing for all design activity) | |
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| Product Type Features: <ul style="list-style-type: none"> • 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 • Sealed = No • UL File Number = E28476 • CSA File Number = LR 7189-133 | Housing Features: <ul style="list-style-type: none"> • Centerline (mm [in]) = 1.50 [0.059] • Mating Alignment = With • Housing Color = Natural • UL Flammability Rating = UL 94V-0 |
| Electrical Characteristics: <ul style="list-style-type: none"> • Contact - Rated Current (A) = 2 • Operating Voltage Reference = AC/DC, AC, DC • Operating Voltage (VAC) = 50 • Operating Voltage (VDC) = 50 | Configuration Features: <ul style="list-style-type: none"> • Number of Positions = 5 • Number of Rows = 1 |
| Termination Features: <ul style="list-style-type: none"> • Wire/Cable Size (AWG) = 24 - 28 • Tail Orientation = Staggered • Tail Length (mm [in]) = 3 [0.118] | Industry Standards: <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C • RoHS/ELV Compliance History = Always was RoHS compliant • Agency/Standard = UL, CSA |
| Dimensions: <ul style="list-style-type: none"> • Mating Post Length (mm [in]) = 2.40 [0.095] • PCB Thickness, Recommended (mm [in]) = 1.60 [0.063] • Length (X-Axis) (mm [in]) = 10.00 [0.393] • Width (Z-Axis) (mm [in]) = 4.70 [0.185] • Profile Height (Y-Axis) (mm [in]) = 6.90 [0.272] | Environmental: <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221] |
| Body Features: <ul style="list-style-type: none"> • Header Type = Shrouded • Mating Retention = With | Conditions for Usage: <ul style="list-style-type: none"> • Applies To = Printed Circuit Board • Accepts Wire Insulation Diameter, Range (mm [in]) = 0.85 - 1.05 [0.0334 - 0.041] |
| Contact Features: <ul style="list-style-type: none"> • Contact Type = Pin • Contact Plating, Mating Area, Material = Gold • Contact Plating, Mating Area, Thickness (µm [µin]) = 0.38 [15] • Contact Design = Square Post • Contact Plating, Termination Area, Material = Gold • Contact Plating, Termination Area, Thickness (µm [µin]) = 0.381 [15] | Operation/Application: <ul style="list-style-type: none"> • Application Use = Wire-to-Board • Contact Transmits (Typical Application) = Signal (Data) • Pick and Place Cover = Without |
| | Packaging Features: <ul style="list-style-type: none"> • Packaging Method = Box, Carton |
| | Other: <ul style="list-style-type: none"> • Brand = AMP |

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