



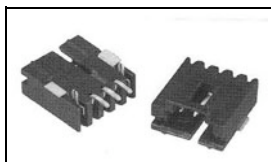
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5-147278-8 Product Details

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5-147278-8

TE Internal Number: 5-147278-8

Active

View 3D PDF

.100 AMPMODU Headers, Housings & Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Header
- Connector Style = Plug
- Contact Type = Pin
- 2.54 mm Centerline

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| Documentation & Additional Information | |
|---|--|
| <p>Product Drawings:</p> <ul style="list-style-type: none"> • None Available <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • AMPMODU_INTERCONNECTION_SYSTEM_SECTIONS5_CONT (PDF, English) • AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0 (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version L) • 3D Model (IGES, Version L) • 3D Model (STEP, Version L) | <p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling |

[List all Documents](#)

| Product Features (Please use the Product Drawing for all design activity) | |
|---|--|
| <p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Type = Connector • Connector Type = Header • Post Size (mm [in]) = 0.64 [.025] • PCB Mounting Orientation = Right Angle • Termination Method to Wire/Cable = Crimp, Insulation Displacement Crimp (IDC) • PCB Mount Style = Surface Mount • PCB Mount Retention = With • PCB Orientation Feature = No • Connector Series = MTE <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Rated Current (A) = 3 • Termination Resistance (mΩ) = 15 • Insulation Resistance (MΩ) = 5,000 • Dielectric Withstanding Voltage (V) = 600 <p>Termination Features:</p> <ul style="list-style-type: none"> • Solder Tail Contact Plating = Tin <p>Body Features:</p> <ul style="list-style-type: none"> • Row-to-Row Spacing (mm [in]) = 2.54 [0.100] <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Plating, Mating Area, Material = Gold (15) • Contact Base Material = Brass <p>Housing Features:</p> | <p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 9 • Number of Rows = 1 <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Reflow solder capable to 245°C • RoHS/ELV Compliance History = Always was RoHS compliant • Approved Standards = CSA LR7189, UL E28476 <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C) = -65 - +105 <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Printed Circuit Board • Temperature Rating = High <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tape & Reel <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP • Comment = Use Keying Tool No. 91417-1 to remove post for keying. |

- Connector Style = Plug
 - Centerline (mm [in]) = 2.54 [0.100]
 - Mating Alignment = With
 - Mating Alignment Type = Latched
 - Housing Color = Black
 - UL Flammability Rating = UL 94V-0
 - Housing Material = Thermoplastic - GF
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