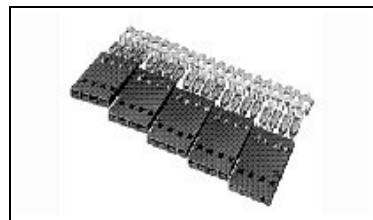


5-103976-1 Product Details

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5-103976-1

TE Internal Number: 5-103976-1
 Active

.100 AMPMODU Headers, Housings & Contacts

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Housing
- Connector Style = Receptacle
- Contact Type = Socket
- 2.54 mm Centerline

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings: RCPT ASSY, AMPMODU MTE, SINGLE ROW, .100 C/L, FOR N... (PDF, English) Catalog Pages/Data Sheets: AMP MODU MTE Section of Catalog 1307819 (PDF, English) AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT (PDF, English) AMPMODU_MTE_INTERCONNECT_SYSTEM_QRG_4-1773458-0 (PDF, English) Product Specifications: - None Available Application Specifications: AMPMODU MTE Interconnection System (PDF, English) Instruction Sheets: - None Available CAD Files: - None Available	Additional Information: Product Line Information Related Products: Tooling
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[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features: - Product Type = Connector - Connector Type = Housing Mating Connector Lock = Without - Wire Insulation Diameter (mm [in]) = 1.37 [0.054] Connector Series = MTE Keyed = No - Applied Pressure = Standard Electrical Characteristics: - Contact - Rated Current (A) = 3 - Termination Resistance (mΩ) = 15 - Insulation Resistance (MΩ) = 5,000 - Dielectric Withstanding Voltage (V) = 600 Termination Features: Termination Method to Wire/Cable = Crimp, Insulation Displacement Crimp (IDC) Body Features: - Row-to-Row Spacing (mm [in]) = 2.54 [0.100] Wire Range (mm [AWG]) = 0.12-0.40² [26-22] Contact Features: - Contact Type = Socket Contact Plating, Mating Area, Material = Gold (30) - Solder Tail Contact Plating = Tin - Contact Base Material = Phosphor Bronze Housing Features:	Configuration Features: Number of Positions = 2 Number of Rows = 1 Industry Standards: RoHS/ELV Compliance = RoHS compliant, ELV compliant Lead Free Solder Processes = Not relevant for lead free process - RoHS/ELV Compliance History = Always was RoHS compliant - UL Flammability Rating = UL 94V-0 - Approved Standards = CSA LR7189, UL E28476 Environmental: - Operating Temperature (°C) = -65 – +105 Conditions for Usage: Applies To = Wire/Cable Packaging Features: - Packaging Method = Strip - Quantity per Strip = 10 Other: - Brand = AMP - Comment = Ribbon Cable Notched handles 22-28 AWG; Maximum insulation diameter is 1.14 [.045] for Pneumatic Terminators.
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- Connector Style = Receptacle
- Centerline (mm [in]) = 2.54 [0.100]
- Mating Alignment = Without
- Housing Color = Black
- Housing Material = Thermoplastic - GF

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