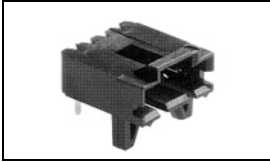


5-103672-1 Product Details



5-103672-1

TE Internal Number: 5-103672-1

 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

Documentation & Additional Information

Product Drawings:

- [HDR ASSY, RTANG, SINGLE ROW 2.54\[.100\] CL, 0.64\[.025\]...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [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: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version AC1)
- [3D Model](#) (IGES, Version AC1)
- [3D Model](#) (STEP, Version AC1)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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

Product Type Features:

- 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 = Through Hole
- PCB Mount Retention = With
- PCB Orientation Feature = No
- Connector Series = MTE

Electrical Characteristics:

- Contact - Rated Current (A) = 3
- Termination Resistance (mΩ) = 15
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 600

Termination Features:

- Solder Tail Contact Plating = Matte Tin

Body Features:

- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]

Contact Features:

- Contact Type = Pin
- [Contact Plating](#), [Mating Area](#), [Material](#) = Matte Tin
- Contact Base Material = Brass
- Contact Shape = Square

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](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant
- [Approved Standards](#) = UL E28476, CSA LR7189

Environmental:

- Operating Temperature (°C) = -65 - +105

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board
- Temperature Rating = High

Packaging Features:

- Packaging Method = Tube

Other:

- Brand = TE Connectivity
- 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