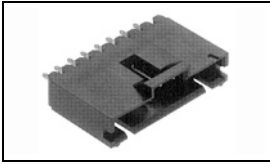


103670-7 Product Details



103670-7

TE Internal Number: 103670-7

 [Active](#)

 [View 3D PDF](#)

.100 AMPMODU Headers, Housings & Contacts

 [5 of 6 EU RoHS/ELV Compliant \(Find RoHS Compliant Alternates/Statement of Compliance\)](#)

Product Highlights:

- Connector
- Connector Type = Header - Pin
- 2.54 mm Centerline
- Row-to-Row Spacing = 2.54 mm
- 8 Positions

[View all Features](#)

Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(1\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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Documentation & Additional Information

Product Drawings:

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

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [AMPMODU MTE Interconnection System](#) (PDF, English)

Instruction Sheets:

- [AMP* AMPMODU* MTE CONNECTORS](#) (PDF, English)

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version 5)
- [3D Model](#) (IGES, Version 5)
- [3D Model](#) (STEP, Version 5)

[List all Documents](#)

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 - Pin
- [Number of Positions](#) = 8
- [Post Size \(mm \[in\]\)](#) = 0.64 [.025]
- [PCB Mount Angle](#) = Vertical
- [Wire Termination Type](#) = Crimp, Insulation Displacement Crimp (IDC)
- [PCB Mount Style](#) = Through Hole
- [Mating Polarization](#) = With
- [PCB Retention Feature](#) = Yes
- [Mating Polarization Type](#) = Latched
- [Connector Series](#) = MTE
- Comment = Use Keying Tool No. 91417-1 to remove post for keying.

Electrical Characteristics:

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

Termination Related Features:

- Solder Tail Contact Plating = Tin-Lead

Body Related Features:

- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Rows](#) = 1

Contact Related Features:

- [PCB Orientation Feature](#) = No
- [Contact Plating, Mating Area, Material](#) = Gold (15)
- Contact Base Material = Brass
- Contact Shape = Square
- Approved Standards = UL E28476, CSA LR7189

Housing Related Features:

- [Housing Color](#) = Black
- Housing Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic - GF

Industry Standards:

- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C

Conditions for Usage:

- [Terminate To](#) = Printed Circuit Board
- Operating Temperature (°C) = -65 - +105

Packaging Related Features:

- Packaging Method = Tube

Other:

- Brand = AMP