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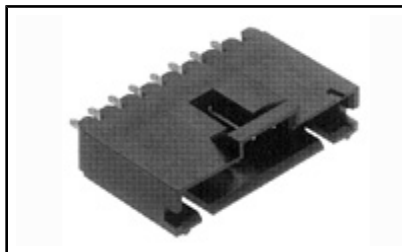
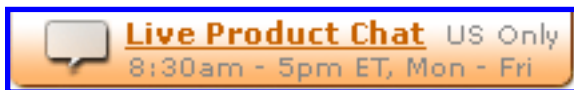
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1-103670-1 Product Details



1-103670-1



[Active](#)

.100 AMPMODU Headers, Housings & Contacts



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

Product Highlights:

- Header
- Number of Positions = 12
- Number of Rows = Single
- Post Size = 0.64 [.025] mm [in]
- Terminate To Printed Circuit Board

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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:

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

Instruction Sheets:

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

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

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

Additional Information:

- [Product Line Information](#)

Related Products:

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

[List all Documents](#)

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

- [Product Type](#) = Header
- [Number of Positions](#) = 12
- [Post Size \(mm \[in\]\)](#) = 0.64 [.025]
- [PCB Mount Angle](#) = Vertical
- [PCB Retention Feature](#) = Yes
- [PCB Mount Style](#) = Thru Hole
- [Mating Polarization](#) = With
- [Mating Polarization Method](#) = Latched
- [Connector Series](#) = MTE
- Wire Termination Type = Crimp, Insulation Displacement Crimp (IDC)
- Comment = Use Keying Tool No. 91417-1 to remove post for keying.

Electrical Characteristics:

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

Termination Related Features:

- Solder Tail Contact Plating = Tin-Lead

Body Related Features:

- [Number of Rows](#) = Single
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 [.100]

Contact Related Features:

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

Housing Related Features:

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

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

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