

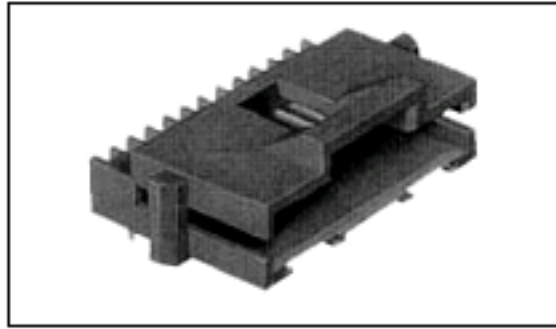


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104074-1 Product Details

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104074-1

TE Internal Number: 104074-1
 Active

View 3D PDF

.050 X .100 AMPMODU System 50 (PCB)

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

Product Highlights:

- Header
- Connector Style = Plug
- 10 Positions
- Number of Rows = Single
- Shrouded

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Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY,RIGHT ANGLE SINGLE ROW, W/SIDE & END...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [AMPMODU System 50 Thru-Hole Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version T)
- 3D Model (IGES, Version T)
- 3D Model (STEP, Version T)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(4\)](#)

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

Product Type Features:

- Connector Type = Header
- Shrouded = Yes
- Mount Angle = Right Angle
- PCB Mount Style = Through Hole
- PCB Mount Retention = With
- PCB Mount Retention Type = Hold Down Post(s)

Electrical Characteristics:

- Voltage (VAC) = 30
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 500

Termination Features:

- Termination Post Length (mm [in]) = 2.54 [0.100]
- Solder Tail Contact Plating = Tin-Lead

Contact Features:

- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (30)

Housing Features:

- Connector Style = Plug
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0
- Housing Color = Black

Configuration Features:

- Number of Positions = 10
- Number of Rows = Single

Industry Standards:

- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°C
- Approved Standards = UL E28476, CSA LR7189

Conditions for Usage:

- Temperature Range (°C) = -65 - +105

Packaging Features:

- Packaging Method = Tube

Other:

- Brand = AMP
- Comment = Note 2: Hold down posts located as shown for 4 through 8 and 30 through 50 position headers.; Note 1: Hold down posts located as shown for 10 through 30 position headers.; **Position identification feature omitted on 4, 5 and 6 position headers.

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