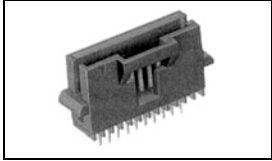


6-104071-1 Product Details



6-104071-1

TE Internal Number: 6-104071-1

 [Active](#)

 [View 3D PDF](#)

.050 X .100 AMPMODU System 50

 [Always EU RoHS/ELV Compliant](#)
([Statement of Compliance](#))

Product Highlights:

- Connector Type = Header - Pin
- 12 Positions
- Number of Rows = Single
- Shrouded
- Vertical Mount Angle

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY,VERTICAL](#), (PDF, English)

Catalog Pages/Data Sheets:

- [AMPMODU INTERCONNECTION SYSTEM SECTION3AND4](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

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

Instruction Sheets:

- None Available

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(2\)](#)

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

Product Type Features:

- [Connector Type](#) = Header - Pin
- [Number of Positions](#) = 12
- [Shrouded](#) = Yes
- [Mount Angle](#) = Vertical
- [PCB Mount Style](#) = Through Hole
- [PCB Retention Feature](#) = No
- Comment = **Position identification feature omitted on 4, 5 and 6 position headers.

Electrical Characteristics:

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

Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 2.54 [0.100]

Housing Related Features:

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

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV 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
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- [Number of Rows](#) = Single

Contact Related Features:

- Approved Standards = UL E28476, CSA LR7189
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (30)

- Temperature Range (°C) = -65 - +105

Packaging Related Features:

- [Packaging Method](#) = Tube

Other:

- Brand = AMP