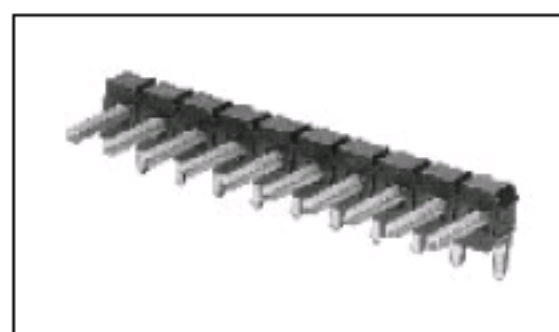




102974-2 Product Details

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102974-2

.100 inch AMPMODU Headers

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

Product Highlights:

- Connector
- Header Type = Breakaway
- 2 Positions
- Mating Post Length = 8.08 mm
- Row-to-Row Spacing = 2.54 mm

[View all Features](#)

TE Internal Number: 102974-2

Active

[View 3D PDF](#)

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Quick Links

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Documentation & Additional Information

Product Drawings:

- [HEADER ASSY, MOD II, BREAKAWAY, SINGLE ROW, .100 RIG...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[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
- Mount Angle = Right Angle
- PCB Mount Retention = Without
- Surface Mount Compatible = No
- Board Standoff = Without
- Mating Connector Lock = Without
- Post Size (mm [in]) = 0.64 [.025]

Mechanical Attachment:

- Mounting Ears = Without
- Panel Mount Retention = Without

Electrical Characteristics:

- Current Rating (A) = 3
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

Termination Features:

- Termination Post Length (mm [in]) = 2.79 [0.110]
- Solder Tail Contact Plating = Tin-Lead over Nickel

Dimensions:

- Mating Post Length (mm [in]) = 8.08 [0.318]

Body Features:

- Header Type = Breakaway
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- Selectively Loaded = No
- Mount Type = Printed Circuit Board

Contact Features:

- Contact Plating, Mating Area, Material = Gold (15)
- Contact Shape = Square
- Contact Base Material = Phosphor Bronze

Housing Features:

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

Configuration Features:

- Number of Positions = 2
- Number of Rows = 1

Industry Standards:

- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Wave solder capable to 240°C
- Approved Standards = CSA LR7189, UL E28476

Environmental:

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

Conditions for Usage:

- High Temperature Housing = No

Operation/Application:

- High Speed Serial Data Connector = No

Other:

- Brand = AMP
- Comment = Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult Tyco Electronics.

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