102973-8 Product Details

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TE Internal Number: 102973-8

Active

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.100 inch AMPMODU Headers

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

Product Highlights:

- Connector
- Header Type = Breakaway
- 16 Positions
- Mating Post Length = 8.08 mm
- 2.54 mm Centerline

View all Features

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Documentation & Additional Information

Product Drawings:
- HEADER ASSY, MOD II, BREAKAWAY, DOUBLE ROW, .100X.10... (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 F)
- 3D Model (IGES, Version F)
- 3D Model (STEP, Version F)

List all Documents

Additional Information:
- Product Line Information

Related Products:
- Tooling

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

Product Type Features:
- Product Type = Connector
- Mount Angle = Vertical
- 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]) = 3.18 [0.125]
- Solder Tail Contact Plating = Tin-Lead over Nickel

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

Body Features:
- Header Type = Breakaway
- Number of Positions = 16
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- Number of Rows = 2
- 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:
- Centerline (mm [in]) = 2.54 [0.100]
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0

Industry Standards:
- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 240°C
- Approved Standards = UL E28476, CSA LR7189

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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