

102973-3 Product Details

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102973-3

TE Internal Number: 102973-3
✔ Active

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.100 inch AMPMODU Headers
 Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

- Product Highlights:**
- Connector
 - Header Type = Breakaway
 - 6 Positions
 - Mating Post Length = 8.08 mm
 - 2.54 mm Centerline
- [View all Features](#)

- Quick Links**
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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 \(STEP, Version F\)](#)

- Additional Information:**
- [Product Line Information](#)
- Related Products:**
- [Tooling](#)



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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 = 6
 - 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 = 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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