

1-102973-0 Product Details

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TE Internal Number: 1-102973-0

 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
- 20 Positions
- Mating Post Length = 8.08 mm
- 2.54 mm Centerline

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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 = 20 - 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.