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Customer Support

6-146257-0 Product Details

Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri

6-146257-0

✔ Active

.100 inch AMPMODU Headers

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Header
- Header Type = Breakaway
- Number of Rows = Dual
- Number of Positions = 20
- Mating Post Length = 5.84 mm

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Documentation & Additional Information

Product Drawings:
- HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, HI... (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 M)
- 3D Model (IGES, Version M)
- 3D Model (STEP, Version M)

Additional Information:
- Product Line Information

Related Products:
- Tooling

List all Documents

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

Product Type Features:
- Product Type = Header
- Number of Positions = 20
- Mount Angle = Vertical
- PCB Retention Feature = No
- Surface Mount Compatible = Yes
- Board Standoff = With
- Mounting Ears = Without
- Mating Connector Lock = Without
- Post Size (mm [in]) = 0.64 [.025]

Mechanical Attachment:
- Mating Post Length (mm [in]) = 5.84 [0.230]
- Panel Attachment = Without

Electrical Characteristics:
- Current Rating (Amps.) = 3
- Insulation Resistance (M•) = 5,000
- Dielectric Withstanding Voltage (V) = 750

Termination Related Features:
- Termination (Solder) Post Length (mm [in]) = 3.05 [0.120]
- Solder Tail Contact Plating = Tin over Nickel, Matte Tin over Nickel

Body Related Features:
- Header Type = Breakaway
- Number of Rows = Dual
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]
- Selectively Loaded = No
- Mount Type = PC Board

Contact Related Features:
- Contact Mating Area Plating Material = Gold (30)
- Contact Shape = Square
- Contact Material = Phosphor Bronze
- Approved Standards = UL E28476, CSA LR7189

Housing Related Features:
- Housing Material = Thermoplastic
- Housing Flammability Rating = UL 94V-0

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:
- High Temperature Housing = Yes
- Operating Temperature (°C) = -65 – +105

Operation/Application:
- High Speed Serial Data Connector = No

Other:
- Brand = AMP