- o Check Distributor Inventory
- Find Authorized Distributors

. My Account

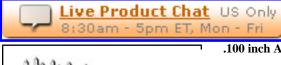
- o Sign In
- o Register

. Customer Support

- o Support
- o RoHS Support Center
- o Glossary of Terms
- o eBulletin Newsletter

<u>Home</u> > <u>Products</u> > <u>By Type</u> > <u>PCB Connectors</u> > <u>Product Feature Selector</u> > <u>Product Details</u>

5-146257-5 Product Details



5-146257-5



.100 inch AMPMODU Headers



Product Highlights:

- Header
- Header Type = Breakaway
- Number of Rows = Dual
- Number of Positions = 10
- Mating Post Length = 5.84 mm

View all Features | Find Similar Products

Documentation & Additional Information

Quick Links

- Check
 Pricing &
 Availability
- Search for Tooling
- Product
 Feature
 Selector
- Contact Us
 About This
 Product

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 = 10
- 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:

- <u>Header Type</u> = 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:

- $\bullet \ \ Housing \ Material = Thermoplastic$
- 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 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- High Temperature Housing = Yes
- Operating Temperature ($^{\circ}$ C) = -65 +105

Operation/Application:

• High Speed Serial Data Connector = No

Other:

• Brand = AMP