

- [Check Distributor Inventory](#)
- [Find Authorized Distributors](#)

[My Account](#)

- [Sign In](#)
- [Register](#)

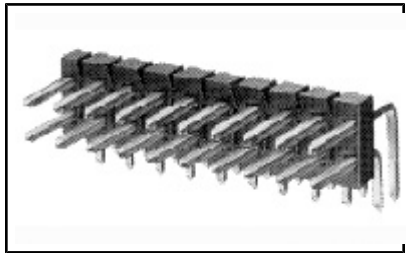
[Customer Support](#)

- [Support](#)
- [RoHS Support Center](#)
- [Glossary of Terms](#)
- [eBulletin Newsletter](#)

[Home](#) > [Products](#) > [By Type](#) > [PCB Connectors](#) > [Product Feature Selector](#) > Product Details

9-146308-0 Product Details

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



9-146308-0

 [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 = 80
- Mating Post Length = 5.84 mm

[View all Features](#) | [Find Similar Products](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- None Available

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 B)
- [3D Model](#) (IGES, Version B)
- [3D Model](#) (STEP, Version B)

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](#) = 80
- [Mount Angle](#) = Right Angle
- [PCB Retention Feature](#) = No
- [Surface Mount Compatible](#) = Yes
- [Board Standoff](#) = Without
- [Mounting Ears](#) = Without
- [Mating Connector Lock](#) = Without
- Post Size (mm [in]) = 0.64 [.025]
- Comment = Headers without retention tails may be broken to the desired number of positions using Hand Tool 91406-1.; Headers are also available in sizes 4 thru 78 positions.
When ordering, add the prefix and/or suffix (dash) numbers to the base part number that corresponds to the number of positions per row.

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
- 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

[Provide Website Feedback](#) | [Contact Customer Support](#)

[Home](#) | [Customer Support](#) | [Suppliers](#) | [Site Map](#) | [Privacy Policy](#) | [Browser Support](#)

© 2008 Tyco Electronics Corporation All Rights Reserved