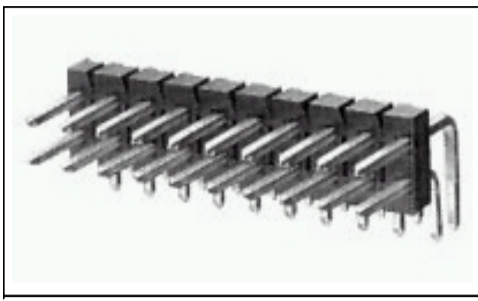


1 - 103149 - 0 Product Details

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



1 - 103149 - 0

TE Part Number: 1 - 103149 - 0

Active

[Add to Part List](#)

[View 3D PDF](#)

.100 inch AMPMODU Headers

[Not EU RoHS or ELV Compliant](#) ([Find RoHS Compliant Alternates](#))

Product Highlights:

- ? Header
- ? Header Type = Breakaway
- ? Number of Rows = Dual
- ? Number of Positions = 20
- ? 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:

- ? [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](#) = Header
- ? [Number of Positions](#) = 20
- ? [Mount Angle](#) = Right Angle
- ? [PCB Retention Feature](#) = No
- ? [Surface Mount Compatible](#) = No
- ? [Board Standoff](#) = Without
- ? [Mounting Ears](#) = Without
- ? [Mating Connector Lock](#) = Without
- ? Post Size (mm [in]) = 0.64 [0.025]
- ? 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.

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 -Lead 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](#) = Not ELV/RoHS compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C

Conditions for Usage:

- ? [High Temperature Housing](#) = No
- ? Operating Temperature (°C) = -65 - +105

Operation/Application:

- ? [High Speed Serial Data Connector](#) = No

Other:

- ? Brand = AMP