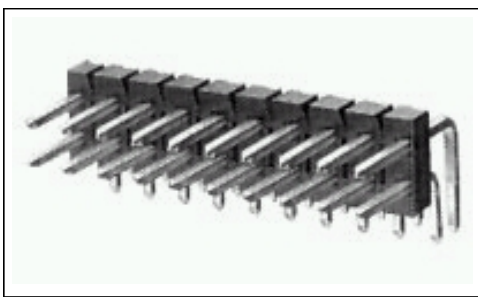


## 5-102975 -9 Product Details

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



**5-102975 -9**

TE Part Number: 5 -102975 -9

Active

Add to Part List

View 3D PDF

### .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 = 18
- ? Mating Post Length = 8.08 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 F1)
- ? [3D Model](#) (IGES, Version F1)
- ? [3D Model](#) (STEP, Version F1)

[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](#) = 18
- ? [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 [.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 \[in\]\)](#) = 8.08 [0.318]
- ? [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 \[in\]\)](#) = 2.79 [0.110]
- ? Solder Tail Contact Plating = 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 (15)
- ? Contact Shape = Square
- ? Contact Material = Phosphor Bronze
- ? Approved Standards = UL E28476, CSA LE7189

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

#### Operation/Application:

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

#### Other:

- ? Brand = Tyco Electronics