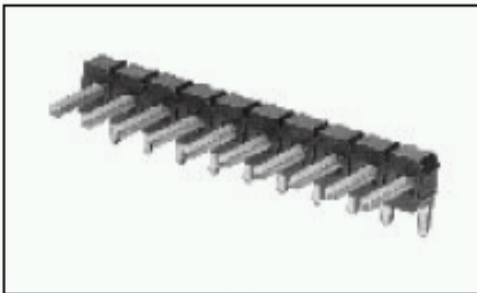


## 5-103765-1 Product Details



### 5-103765-1

TE Internal Number: 5-103765-1

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 = Single
- Number of Positions = 1
- 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](#)
- ▶ [Request Samples](#)

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

#### 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](#) = 1
- [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 \[in\]\)](#) = 5.84 [0.230]
- [Panel Attachment](#) = Without

#### Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 2.29 [0.090]
- [Solder Tail Contact Plating](#) = Tin over Nickel

#### Body Related Features:

- [Header Type](#) = Breakaway
- [Number of Rows](#) = Single
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 [.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

#### 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

#### Operation/Application:

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

#### Other:

- [Brand](#) = AMP