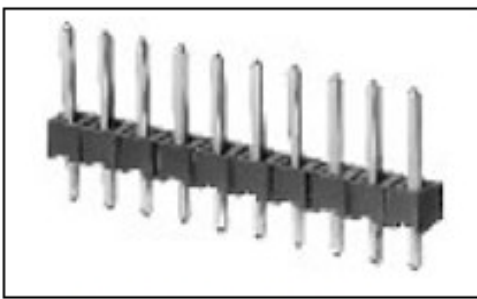


5-146282-6 Product Details

[Live Product Chat](#)



5-146282-6

TE Part Number: 5-146282-6

[Active](#)

[Add to Part List](#)

.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 = 6
- 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 ASSEMBLY, MOD II, BREAKAWAY, SINGLE 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 J)
- [3D Model](#) (IGES, Version J)
- [3D Model](#) (STEP, Version J)

[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](#) = 6
- [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

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](#) = Tin
- [Contact Shape](#) = Square
- [Contact Material](#) = Phosphor Bronze

Housing Related Features:

- [Housing Material](#) = Liquid Crystal Polymer (LCP)
- [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 245°C, Pin-in-Paste capable to 260°C
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant

Conditions for Usage:

- [High Temperature Housing](#) = Yes

Operation/Application:

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

Other:

- [Brand](#) = AMP