

## 5-146280-5 Product Details

Have a Question?

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5-146280-5

### .100 inch AMPMODU Headers

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Connector
- Header Type = Breakaway
- 5 Positions
- Mating Post Length = 5.84 mm
- 2.54 mm Centerline

[View all Features](#)

TE Internal Number: 5-146280-5

**Active**

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### Documentation & Additional Information

#### Product Drawings:

- [HEADER ASSEMBLY, MOD II, BREAKWAY, SINGLE ROW, HIGH...](#) (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 G)
- [3D Model](#) (IGES, Version G)
- [3D Model](#) (STEP, Version G)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

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### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- Product Type = Connector
- [Mount Angle](#) = Vertical
- [PCB Mount Retention](#) = Without
- [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 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 Positions](#) = 5
- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Rows](#) = 1
- [Selectively Loaded](#) = No
- [Mount Type](#) = Printed Circuit Board

#### Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold (15)
- Contact Shape = Square
- Contact Base Material = Phosphor Bronze

#### Housing Related Features:

- Housing Material = Liquid Crystal Polymer (LCP)
- UL 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

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