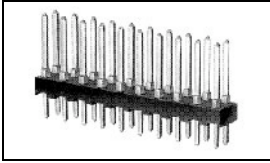


## 1-87215-0 Product Details



**1-87215-0**

TE Internal Number: 1-87215-0



[View 3D PDF](#)

### .100 inch AMPMODU Headers

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

#### Product Highlights:

- Connector
- Connector Type = Header - Pin
- Header Type = Standard
- 2 Positions
- Mating Post Length = 8.08 mm

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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#### Documentation & Additional Information

##### Product Drawings:

- [ASSEMBLY, MOD II, HEADER, DOUBLE ROW, .100 X .100@22...](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- [AMPMODU INTERCONNECTION SYSTEM SECTIONS](#) (PDF, English)

##### 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 = Connector
- Connector Type = Header - Pin
- [Number of Positions](#) = 2
- [Mount Angle](#) = Vertical
- [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]

##### Mechanical Attachment:

- Mating Post Length (mm [in]) = 8.08 [0.318]
- [Panel Attachment](#) = Without

##### Electrical Characteristics:

- Current Rating (Amps.) = 3
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

##### Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 3.18 [0.125]
- Solder Tail Contact Plating = Gold Flash over Nickel

##### Body Related Features:

- Header Type = Standard
- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Rows](#) = 2
- [Selectively Loaded](#) = No
- [Mount Type](#) = Printed Circuit Board

##### Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Shape = Square
- Contact Base Material = Phosphor Bronze
- Approved Standards = UL E28476, CSA LR7189

##### Housing Related Features:

- Housing Material = Thermoplastic - GF
- Housing Color = Black
- 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
- 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 = AMP