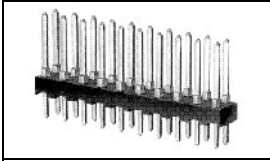


87227-7 Product Details



87227-7

TE Internal Number: 87227-7



[View 3D PDF](#)

.100 inch AMPMODU Headers

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

Product Highlights:

- Connector
- Header Type = Standard
- 14 Positions
- Mating Post Length = 8.08 mm
- 2.54 mm Centerline

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [ASSEMBLY, MOD II, HEADER, DOUBLE ROW, .100 X .100 CL...](#) (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 H)
- [3D Model](#) (IGES, Version H)
- [3D Model](#) (STEP, Version H)

[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
- [Mount Angle](#) = Vertical
- [PCB Mount Retention](#) = Without
- [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 Mount Retention](#) = Without

Electrical Characteristics:

- Current Rating (A) = 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

Contact Related Features:

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

Housing Related Features:

- Housing Material = Thermoplastic - GF
- Housing Color = Black
- 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
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = UL E28476, CSA LR7189

Conditions for Usage:

- [High Temperature Housing](#) = No
- Operating Temperature (°C) = -65 - +105

Operation/Application:

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

Other:

- Brand = AMP

- [Number of Positions](#) = 14
- [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