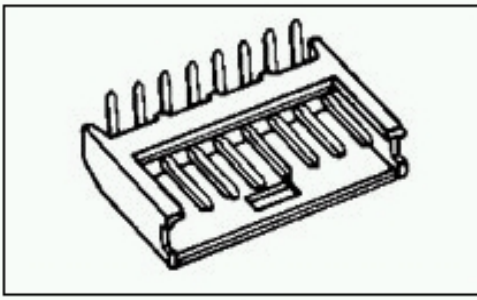


280523-1 Product Details

[Live Product Chat](#)



280523-1

TE Part Number: 280523-1

Active

[Add to Part List](#)

.100 inch AMPMODU Headers

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

Product Highlights:

- Header
- Header Type = Shrouded
- Number of Rows = Single
- Number of Positions = 12
- Mating Post Length = 6.60 mm

[View all Features](#) | [Find Similar Products](#)

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:

- [AMP MODU II header ass.ies, right angle, single row \(PDF, English\)](#)

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 R2)
- [3D Model](#) (IGES, Version R2)
- [3D Model](#) (STEP, Version R2)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [PCB Layout](#)

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](#) = 12
- [Mount Angle](#) = Right Angle
- [PCB Retention Feature](#) = No
- [Surface Mount Compatible](#) = No
- [Board Standoff](#) = Without
- [Mounting Ears](#) = Without
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Detent Windows
- [Housing Style](#) = 3-Sided
- Profile = Standard

Mechanical Attachment:

- [Mating Post Length \(mm \[in\]\)](#) = 6.60 [0.260]
- [Panel Attachment](#) = Without

Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.50 [0.138]

Body Related Features:

- [Header Type](#) = Shrouded
- [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 Material = Phosphor Bronze

Housing Related Features:

- Housing Material = Thermoplastic Glass Reinforced
- 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
- Operating Temperature (°C) = -55 - +105

Operation/Application:

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

Packaging Related Features:

- Packaging Method = Box
- Packaging Quantity = 500

Other:

- Brand = AMP