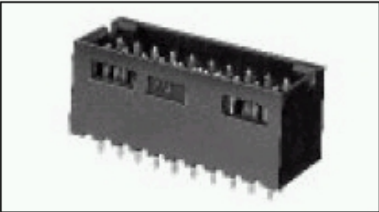




1-103168-0 Product Details

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1-103168-0

TE Internal Number: 1-103168-0

Active

View 3D PDF

.100 inch AMPMODU Headers

5 of 6 EU RoHS/ELV Compliant (Find RoHS Compliant Alternates/Statement of Compliance)

Product Highlights:

- Connector
- Header Type = Shrouded
- 24 Positions
- Mating Post Length = 8.08 mm
- 2.54 mm Centerline

View all Features

Quick Links

- Check Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

Product Drawings:

- HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, VERTIC... (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 L)
- 3D Model (IGES, Version L)
- 3D Model (STEP, Version L)

Additional Information:

- Product Line Information

Related Products:

- Tooling

List all Documents

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

Product Type Features:

- Product Type = Connector
- [Shrouded] End Dimension (mm [in]) = 1.68 [0.066]
- Mount Angle = Vertical
- PCB Mount Retention = Without
- Surface Mount Compatible = No
- Board Standoff = Without
- Mounting Ears = Without
- Mating Connector Lock = With
- Mating Connector Lock Type = Detent Windows
- Housing Style = 4-Sided
- Post Size (mm [in]) = 0.64 [.025]
- Profile = Standard

Mechanical Attachment:

- Mating Post Length (mm [in]) = 8.08 [0.318]
- Panel Mount Retention = Without

Termination Features:

- Termination Post Length (mm [in]) = 3.18 [0.125]
- Solder Tail Contact Plating = Tin-Lead over Nickel

Body Features:

- Header Type = Shrouded
- Number of Positions = 24
- 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 Features:

- Contact Plating, Mating Area, Material = Gold (30)
- Contact Shape = Square
- Contact Base Material = Phosphor Bronze

Housing Features:

- Housing Material = Thermoplastic - GF
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Industry Standards:

- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 240°C

Environmental:

- Operating Temperature (°C) = -55 - +105

Conditions for Usage:

- High Temperature Housing = No

Operation/Application:

- High Speed Serial Data Connector = No

Other:

- Brand = AMP

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