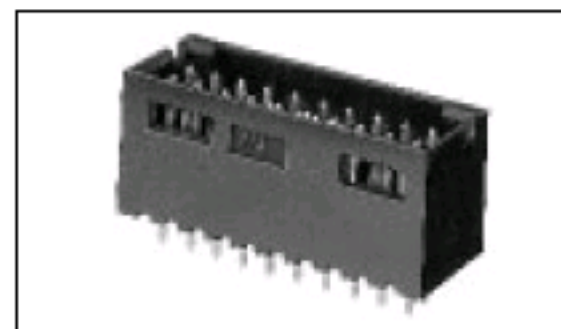


## 102618-1 Product Details

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102618-1

### .100 inch AMPMODU Headers

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

#### Product Highlights:

- Connector
- Header Type = Shrouded
- 6 Positions
- Mating Post Length = 8.08 mm
- Row-to-Row Spacing = 2.54 mm

[View all Features](#)

#### Quick Links

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

TE Internal Number: 102618-1

Active

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### 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 K)
- 3D Model (IGES, Version K)
- 3D Model (STEP, Version K)

#### 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
- Mount Angle = Vertical
- PCB Mount Retention = Without
- Surface Mount Compatible = No
- Board Standoff = Without
- Mating Connector Lock = With
- Mating Connector Lock Type = Detent Windows
- Post Size (mm [in]) = 0.64 [.025]
- Profile = Standard

#### Mechanical Attachment:

- Mounting Ears = Without
- Panel Mount Retention = Without

#### Electrical Characteristics:

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

#### Termination Features:

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

#### Dimensions:

- Mating Post Length (mm [in]) = 8.08 [0.318]
- [Shrouded] End Dimension (mm [in]) = 1.68 [0.066]

#### Body Features:

- Header Type = Shrouded
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- Selectively Loaded = No
- Mount Type = Printed Circuit Board

#### Contact Features:

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

#### Housing Features:

- Housing Material = Thermoplastic - GF
- Housing Style = 4-Sided
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

#### Configuration Features:

- Number of Positions = 6
- Number of Rows = 2

#### Industry Standards:

- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 240°C
- Approved Standards = CSA LR7189, UL E28476

#### 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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