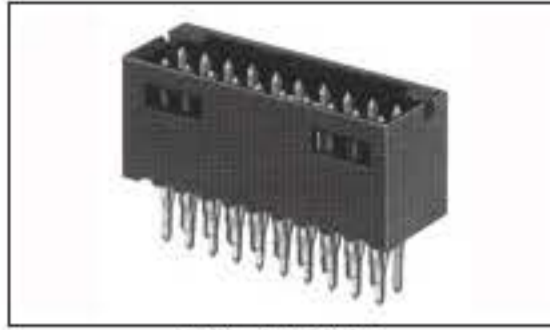


102699-2 Product Details

[Share](#) [Print](#) [Email](#)



102699-2

TE Internal Number: 102699-2
Active

[View 3D PDF](#)

.100 inch AMPMODU Headers

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Header Type = Shrouded
- 6 Positions
- Mating Post Length = 8.13 mm
- 2.54 mm Centerline

[View all Features](#)

Quick Links

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

[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#) [Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [HDR ASSY, MOD II, COMPLIANT PIN, DBL ROW, .100 X .1...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [AMPMODU Header Assemblies with ACTION PIN Contacts](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version M)
- [3D Model](#) (IGES, Version M)
- [3D Model](#) (STEP, Version M)

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](#) = With
- [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]

Mechanical Attachment:

- [Mating Post Length \(mm \[in\]\)](#) = 8.13 [0.320]
- [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 \[in\]\)](#) = 6.35 [0.250]
- Solder Tail Contact Plating = Tin-Lead over Nickel

Body Features:

- [Header Type](#) = Shrouded
- [Number of Positions](#) = 6
- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Rows](#) = 2
- [Selectively Loaded](#) = No
- [PCB Mount Retention Type](#) = Compliant Posts
- [Mount Type](#) = Printed Circuit Board

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Shape = Square
- Contact Base Material = Copper-Nickel-Tin

Housing 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](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = CSA LR7189, UL E28476

Environmental:

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

Conditions for Usage:

- [High Temperature Housing](#) = Yes
- [PCB Thickness, Recommended \(mm \[in\]\)](#) = 2.36 - 3.18 [0.093 - 0.125]

Operation/Application:

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

Other:

- Brand = AMP

Corporate Information

[About TE](#)
[Investors](#)
[News Room](#)
[Supplier Portal](#)
[Careers](#)

Quick Links

[Check Distributor Inventory](#)
[Cross Reference Products](#)
[Find Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)

Customer Support

[Email or Chat With Us](#)
[Find a Phone Number](#)
[Search Knowledge Base](#)
[Manage Your Account](#)

Keep Me Informed

Receive TE News, Events & Technology Updates

[▶](#)

