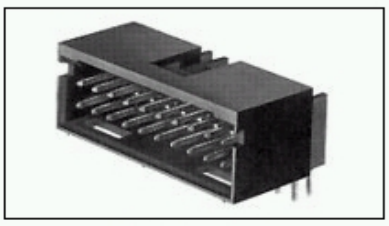
103167-2 Product Details

Have a Question?
Chat with a Product Information Specialist



103167-2

TE Internal Number: 103167-2

Active

View 3D PDF

.100 inch AMPMODU Headers

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

Product Highlights:

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

View all Features

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Documentation & Additional Information

Product Drawings:
- HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, .100X.... (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 N1)
- 3D Model (IGES, Version N1)
- 3D Model (STEP, Version N1)

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
- [Shrouded] End Dimension (mm [in]) = 3.81 [0.150]
- Mount Angle = Right Angle
- PCB Mount Retention = Without
- Surface Mount Compatible = No
- Board Standoff = With
- 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 Attachment = 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]) = 3.43 [0.135]
- Solder Tail Contact Plating = Tin-Lead over Nickel

Body Related Features:
- Header Type = Shrouded
- Number of Positions = 10
- 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 Related Features:
- Contact Plating, Mating Area, Material = Gold (30)
- 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 = Not ELV/RoHS compliant
- Lead Free Solder Processes = Wave solder capable to 240°C
- Approved Standards = UL E28476, CSA LR7189

Conditions for Usage:
- High Temperature Housing = No
- Operating Temperature (°C) = -55 – +105

Operation/Application:
- High Speed Serial Data Connector = No

Other:
- Brand = AMP

BOOKMARK

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