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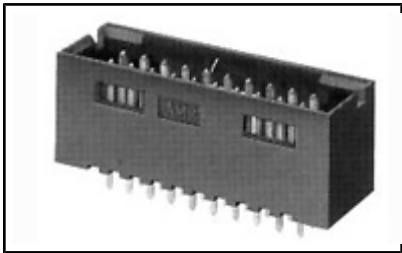
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5-103169-8 Product Details

 **Live Product Chat** US Only
8:30am - 5pm ET, Mon - Fri



5-103169-8

 [Active](#)

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.100 inch AMPMODU Headers



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

Product Highlights:

- Header
- Header Type = Shrouded
- Number of Rows = Dual
- Number of Positions = 20
- Mating Post Length = 8.08 mm

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Quick Links

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

- [Product Type](#) = Header
- [Number of Positions](#) = 20
- [\[Shrouded\] End Dimension \(mm \[in\]\)](#) = 3.81 [0.150]
- [Mount Angle](#) = Vertical
- [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](#) = 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

Termination Related Features:

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

Body Related Features:

- [Header Type](#) = Shrouded
- [Number of Rows](#) = Dual
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- [Selectively Loaded](#) = No
- [Mount Type](#) = PC Board

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (30)
- Contact Shape = Square
- Contact Material = Phosphor Bronze

Housing Related Features:

- Housing Material = Thermoplastic
- Housing Color = Black
- 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
- 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

Other:

- Brand = AMP

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