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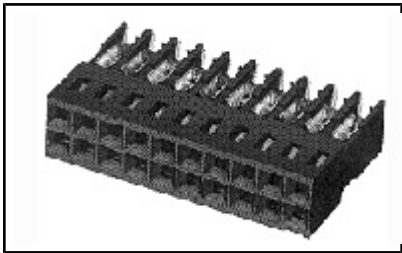
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5-102448-8 Product Details

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



5-102448-8



.100 AMPMODU Headers, Housings & Contacts



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

Product Highlights:

- Housing
- Preloaded
- Number of Positions = 20
- Housing Type = Receptacle
- Contact Type = Receptacle

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Documentation & Additional Information

Product Drawings:

- [AMPMODU MT, RCPT ASSY, STANDARD PRESSURE CONTACTS...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Connector, AMPMODU, Mass Terminated Standard Pressure](#) (PDF, English)
- [Interconnection System, AMPMODU MT, Shielding Access...](#) (PDF, English)

Application Specifications:

- [AMPMODU Mass Termination \(MT\) Interconnection System](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

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

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 = Housing
- [Number of Positions](#) = 20
- [Mating Connector Lock](#) = Without
- Mating Polarization = Without
- Wire Insulation Diameter (mm [in]) = 1.27 [0.050]
- [Keyed](#) = No
- [Connector Series](#) = MT
- Wire Termination Type = Insulation Displacement Crimp (IDC)
- Insulation Diameter (mm [in]) = 1.27 [.050] Max.
- Stamped = Yes
- Applied Pressure = Standard

Mechanical Attachment:

- Preloaded = Yes

Electrical Characteristics:

- Contact Current Rating (Amps.) = 3
- Termination Resistance (m Ω) = 15
- Insulation Resistance (M Ω) = 5,000
- Dielectric Withstanding Voltage (V) = 600

Termination Related Features:

- Solder Tail Contact Plating = Tin

Body Related Features:

- [Housing Type](#) = Receptacle
- [Number of Rows](#) = Dual
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- [Wire Range \(mm \[AWG\]\)](#) = 0.30-0.60² [22-20]

Contact Related Features:

- Contact Type = Receptacle
- [Contact Mating Area Plating Material](#) = Gold (30)
- Contact Material = Phosphor Bronze
- Approved Standards = UL E28476, CSA LR7189

Housing Related Features:

- [Housing Color](#) = Black
- Housing Material = Thermoplastic

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

Conditions for Usage:

- [Terminate To](#) = Wire
- Operating Temperature (°C) = -65 – +105

Other:

- Brand = AMP

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