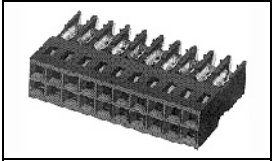


## 102398-1 Product Details



**102398-1**

TE Internal Number: 102398-1



[Active](#)



[View 3D PDF](#)

### .100 AMPMODU Headers, Housings & Contacts

[Not EU RoHS or ELV Compliant \(Find RoHS Compliant Alternates\)](#)

#### Product Highlights:

- Connector
- Housing
- Connector Style = Receptacle
- Contact Type = Receptacle
- 2.54 mm Centerline

[View all Features](#)

#### Documentation & Additional Information

##### Product Drawings:

- [AMPMODU MT, RECEPTACLE ASSEMBLY STANDARD-PRESSURE CO...](#) (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)
- [Connector, AMPMODU, Mass Terminated Standard Pressure](#) (PDF, Japanese)

##### Application Specifications:

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

##### Instruction Sheets:

- [Pneumatic Pistol Grip Tool](#) (PDF, English)

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

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

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

##### Electrical Characteristics:

- Contact Current Rating (A) = 3
- Termination Resistance (mΩ) = 15
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 600

##### Termination Related Features:

- Solder Tail Contact Plating = Tin-Lead

##### Contact Related Features:

- Contact Type = Receptacle
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Base Material = Copper Alloy

##### Housing Related Features:

- Connector Style = Receptacle
- Mating Alignment = Without
- [Housing Color](#) = Black
- Housing Material = Thermoplastic - GF

##### Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- Approved Standards = UL E28476, CSA LR7189

##### Conditions for Usage:

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

##### Other:

- Brand = AMP

**Body Related Features:**

- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Positions](#) = 6
- [Number of Rows](#) = 2
- [Wire Range \(mm \[AWG\]\)](#) = 0.12-0.40<sup>2</sup> [26-22]

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