

- [Find Authorized Distributors](#)

My Account

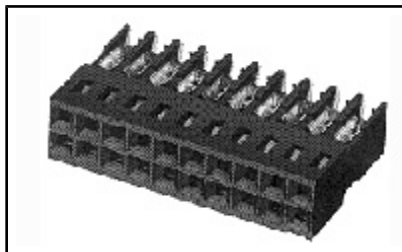
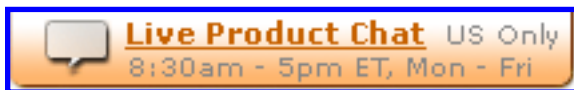
- [Sign In](#)
- [Register](#)

Customer Support

- [Support](#)
- [RoHS Support Center](#)
- [Glossary of Terms](#)
- [eBulletin Newsletter](#)

[Home](#) > [Products](#) > [By Type](#) > [PCB Connectors](#) > [Product Feature Selector](#) > Product Details

7-102398-3 Product Details



7-102398-3



[Active](#)

.100 AMPMODU Headers, Housings & Contacts



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

Product Highlights:

- Housing
- Preloaded
- Number of Positions = 50
- Housing Type = Receptacle
- Contact Type = Receptacle

[View all Features](#) | [Find Similar Products](#)

Quick Links

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

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)

Application Specifications:

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

Instruction Sheets:

- None Available

CAD Files:

- None Available

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 = Housing
- [Number of Positions](#) = 50
- [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 \[AWG\]\)](#) = 0.12-0.40² [26-22]

Contact Related Features:

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

[Provide Website Feedback](#) | [Contact Customer Support](#)

[Home](#) | [Customer Support](#) | [Suppliers](#) | [Site Map](#) | [Privacy Policy](#) | [Browser Support](#)

© 2008 Tyco Electronics Corporation All Rights Reserved