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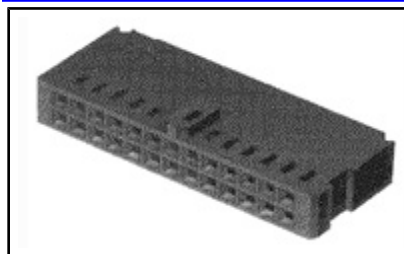
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[Home](#) > [Products](#) > [By Type](#) > [PCB Connectors](#) > [Product Feature Selector](#) > Product Details

# 1-102387-0 Product Details

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



1-102387-0



### .100 AMPMODU Headers, Housings & Contacts



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

#### Product Highlights:

- Housing
- Not Preloaded
- Number of Positions = 50
- Housing Type = Receptacle
- Number of Rows = Dual

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#### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
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#### Documentation & Additional Information

##### Product Drawings:

- [HOUSING, CRIMP SNAP-IN, SHORT ENTRY, MOD IV](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- None Available

##### Product Specifications:

- [Interconnection System, AMPMODU Mod IV 1/2](#) (PDF, English)

##### Application Specifications:

- None Available

##### Instruction Sheets:

- None Available

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

- [2D Drawing](#) (DXF, Version R1)
- [3D Model](#) (IGES, Version R1)
- [3D Model](#) (STEP, Version R1)

##### 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](#) = 50
- [Mating Connector Lock](#) = Without
- [Strain Relief](#) = Without
- [Mating Polarization](#) = With
- Mating Polarization Method = Center
- [Keyed](#) = No
- [Connector Series](#) = Mod IV
- Wire Termination Type = Crimp
- Stamped = No
- Flame Retardant = Yes
- Housing Configuration = Both Ends Closed
- Comment = Contact Extraction/Lance Reset Tool No. 843996-3.; No marking on this part number.; When using this housing with AMP-LATCH Universal Headers, P/N 1825851-1 (Qty 2) must be purchased separately.

### Mechanical Attachment:

- Preloaded = No

### Electrical Characteristics:

- Voltage Rating (VAC) = 250
- Contact Current Rating (Amps.) = 3
- Termination Resistance (m $\Omega$ ) = 12
- Insulation Resistance (M $\Omega$ ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

### Body Related Features:

- [Housing Type](#) = Receptacle
- [Number of Rows](#) = Dual
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]

### Contact Related Features:

- 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:

- Operating Temperature ( $^{\circ}$ C) = -65 – +105

### Other:

- Brand = AMP

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