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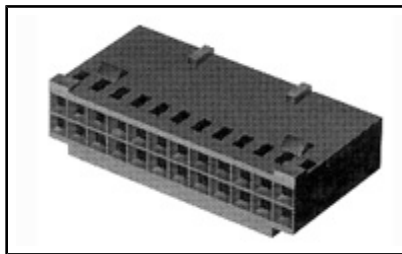
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- [Glossary of Terms](#)
- [eBulletin Newsletter](#)

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

# 4-87631-2 Product Details

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



4-87631-2

 [Active](#)

### .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

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

### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(1\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

### Documentation & Additional Information

**Product Drawings:**

- [CONNECTOR, MOD IV, CRIMP SNAP-IN, WITH DETENT](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

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

**Application Specifications:**

- [AMPMODU MOD IV, IV1/2, and V Receptacles and Housings](#) (PDF, English)

**Instruction Sheets:**

- None Available

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

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

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(1\)](#)

[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](#) = With
- [Strain Relief](#) = Without
- [Mating Polarization](#) = With
- [Mating Polarization Method](#) = Latched
- [Keyed](#) = No
- [Connector Series](#) = Mod IV
- Wire Termination Type = Crimp
- Number of Detents = 2
- Stamped = Yes
- Flame Retardant = Yes
- Mating Connector Lock Type = Detent Latching
- Housing Configuration = Both Ends Closed
- Comment = Cavity identification, AMP, part number and date code stamped on housing where size permits.; Strain reliefs may be purchased separately. Refer to Strain Relief Part No. 87921-1 (for 10 thru 18 positions) or Strain Relief Part No. 87710-1 (for 20 positions and larger).

**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 = Nylon

**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 (°C) = -65 – +105

**Other:**

- Brand = AMP

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