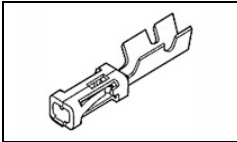


## 87309-9 Product Details



**87309-9**

TE Internal Number: 87309-9

[Active](#)

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### .100 AMPMODU Headers, Housings & Contacts

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

**Product Highlights:**

- Contact
- Contact Type = Receptacle
- Wire Termination Type = Crimp
- Terminate To Wire
- Wire Insulation Diameter = 1.75 mm

[View all Features](#)

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### Documentation & Additional Information

**Product Drawings:**

- [CONTACT, MOD V CRIMP SNAP-IN](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- [AMPMODU INTERCONNECTION SYSTEM SECTIONS CONT](#) (PDF, English)

**Product Specifications:**

- [Interconnection System, AMPMODU Mod V](#) (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 L)
- [3D Model](#) (IGES, Version L)
- [3D Model](#) (STEP, Version L)

[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 = Contact
- [Wire Termination Type](#) = Crimp
- Wire Insulation Diameter (mm [in]) = 1.75 [0.069]
- Connector Series = Mod V
- With Insulation Support = Yes
- Applied Pressure = High
- Comment = (\*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for part numbers of applicators for use with Model "G" machines, as well as other bench machines and fully automatic AMPOMATOR lead making machines.

**Electrical Characteristics:**

- Contact Current Rating (Amps.) = 3
- Voltage Rating (VAC) = 250
- Termination Resistance (mΩ) = 12
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

**Termination Related Features:**

- Crimp Area Plating = Gold Flash

**Body Related Features:**

- [Wire Range \(mm \[AWG\]\)](#) = 0.20-0.60<sup>2</sup> [24-20]

**Contact Related Features:**

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

**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

**Packaging Related Features:**

- Packaging Method = Strip

**Other:**

- Brand = AMP

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