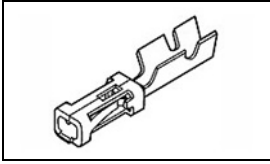


## 102316-5 Product Details



**102316-5**

TE Internal Number: 102316-5

 Active

 View 3D PDF

### .100 AMPMODU Headers, Housings & Contacts

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Contact
- Contact Type = Socket
- Crimp Termination Method to Wire/Cable
- Applies To Wire/Cable
- Wire Insulation Diameter = 1.02 mm

### Documentation & Additional Information

#### Product Drawings:

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

#### Catalog Pages/Data Sheets:

- [AMP MODU IV & V Section of Catalog 1307819](#) (PDF, English)
- [AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#) (PDF, English)

#### Product Specifications:

- [PRODUCT SPECIFICATION INTERCONNECTION SYSTEM, AMPMOD...](#) (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 R1)
- [3D Model](#) (IGES, Version R1)
- [3D Model](#) (STEP, Version R1)

#### 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
- Termination Method to Wire/Cable = Crimp
- Wire Insulation Diameter (mm [in]) = 1.02 [0.040]
- Connector Series = Mod IV
- With Insulation Support = Yes
- Applied Pressure = Standard

#### Electrical Characteristics:

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

#### Termination Features:

- Crimp Area Plating = Bright Tin

#### Body Features:

- Wire Range (mm [AWG]) = 0.03-0.10<sup>2</sup> [32-27]

#### Contact Features:

- Contact Type = Socket
- Contact Plating, Mating Area, Material = Bright Tin
- Contact Base Material = Copper-Tin-Phosphor Bronze

#### 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
- Approved Standards = UL E28476, CSA LR7189

#### Environmental:

- Operating Temperature (°C) = -65 - +105

#### Conditions for Usage:

- Applies To = Wire/Cable

#### Packaging Features:

- Packaging Method = Strip

#### Other:

- Brand = AMP
- 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.