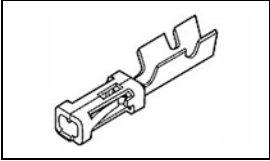


2-87195-1 Product Details



2-87195-1

TE Internal Number: 2-87195-1



Active

 [View 3D PDF](#)

.100 AMPMODU Headers, Housings & Contacts

[Not EU RoHS or ELV Compliant](#) ([Find RoHS Compliant Alternates](#))

Product Highlights:

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

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [CONTACT,MOD IV 1/2, RECEPTACLE, CRIMP](#) (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 M)
- [3D Model](#) (IGES, Version M)
- [3D Model](#) (STEP, Version M)

[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 IV.v
- With Insulation Support = Yes
- Applied Pressure = Intermediate
- 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

Contact Related Features:

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

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

Conditions for Usage:

- [Terminate To](#) = Wire
- Operating Temperature (°C) = -65 - +105

Packaging Related Features:

- Packaging Method = Loose Piece

- Insulation Resistance (M Ω) = 5,000
- Dielectric Withstanding Voltage (V) = 750

Other:

- Brand = AMP

Body Related Features:

- [Wire Range \(mm \[AWG\]\)](#) = 0.20-0.60² [24-20]