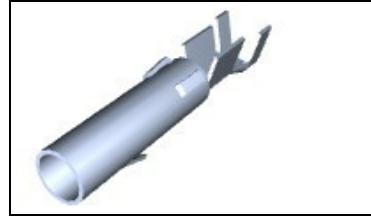


# 170147-1 Product Details

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**170147-1**

## .200" Centerline, 250 V, 13 A max.

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Commercial MATE-N-LOK Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact Type = Socket

[View all Features](#)

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## Documentation & Additional Information

**Product Drawings:**

- [SOCKET CONTACT MATE-N-LOCK \(PDF, English\)](#)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- [MATE-N-LOK CONNECTOR \(PDF, English\)](#)
- [MATE-N-LOK CONNECTOR \(PDF, Japanese\)](#)

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

**CAD Files: (CAD Format & Compression Information)**

- [2D Drawing \(DXF, Version A3\)](#)
- [3D Model \(IGES, Version A3\)](#)
- [3D Model \(STEP, Version A3\)](#)

[List all Documents](#)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Housings \(69\)](#)

## Product Features (Please use the Product Drawing for all design activity)

**Product Type Features:**

- Product Line = Commercial MATE-N-LOK
- Product Type = Contact
- Wire/Cable Type = Discrete Wire
- Sealed = No

**Mechanical Attachment:**

- Contact Retention = With
- Contact Retention Type = Locking Lance

**Electrical Characteristics:**

- Contact - Rated Current (A) = 6 - 13
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 250
- Operating Voltage (VDC) = 250

**Termination Features:**

- Wire/Cable Size (mm<sup>2</sup>) = 0.2 - 0.8
- Wire/Cable Size (AWG) = 18 - 24
- Termination Method to Wire/Cable = Crimp

**Body Features:**

- Wire Type = Stranded

**Contact Features:**

- Contact Type = Socket
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Diameter (mm [in]) = 2.13 [0.084]

**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
- VDE Tested = No

**Environmental:**

- Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221]

**Conditions for Usage:**

- Applies To = Wire/Cable
- For Multiple Crimp = No
- Accepts Wire Insulation Diameter, Range (mm [in]) = 2.54 [0.100]
- For Use With = Commercial MATE-N-LOK housings

**Operation/Application:**

- Application Use = Wire-to-Wire

**Packaging Features:**

- Packaging Method = Reel
- Packaging Quantity = 7,000

**Other:**

- Brand = AMP

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