



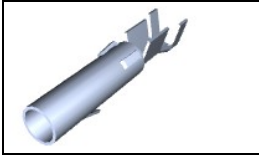
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**170147-2 Product Details**

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**170147-2**

TE Internal Number: 170147-2  
 Active

View 3D PDF

**.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
- Termination Method to Wire/Cable = Crimp
- 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

**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

- Contact Diameter (mm [in]) = 2.13 [0.084]
- Contact Base Material = Phosphor Bronze

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