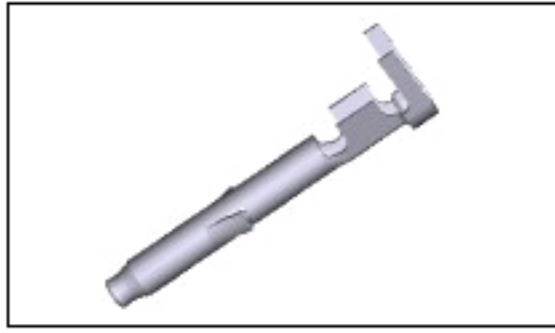




## 170362-3 Product Details

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170362-3

TE Internal Number: 170362-3

Active

View 3D PDF

.163" Centerline, 600 V, 9.5 A max.

Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Mini-Universal MATE-N-LOK Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Glow Wire Rating = Standard Part, Not Glow Wire

[View all Features](#)

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**Documentation & Additional Information**

**Product Drawings:**

- [MINI UHIVERSAL M-N-L SOCKET CONTACT \(PDF, English\)](#)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- [Mini-Universal MATE-N-LOK Connector\(UL 94V-0 Grade\) \(PDF, English\)](#)
- [Mini-Universal MATE-N-LOK Connector\(UL 94V-2\) \(PDF, English\)](#)

**Application Specifications:**

- [Crimping of Mini-Universal MATE-N-LOK Contact \(PDF, Japanese\)](#)

**Instruction Sheets:**

- [Mini-Universal MATE-N-LOK Connector \(PDF, Japanese\)](#)

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

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

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Housings \(122\)](#)

[List all Documents](#)

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

**Product Type Features:**

- Product Line = Mini-Universal MATE-N-LOK
- Product Type = Contact
- Termination Method to Wire/Cable = Crimp
- PCB Mount Retention = Without
- Sealed = No
- Wire/Cable Type = Discrete Wire
- Strain Relief = Without
- UL File Number = E28476
- CSA File Number = LR 7189

**Mechanical Attachment:**

- Contact Retention = With
- Panel Mount Retention = Without

**Electrical Characteristics:**

- Contact - Rated Current (A) = 7
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 600
- Operating Voltage (VDC) = 600

**Termination Features:**

- Wire/Cable Size (mm<sup>2</sup>) = 0.3 - 0.89
- Wire/Cable Size (AWG) = 18 - 22

**Body Features:**

- Used With = Plug Housing
- Mating Retention = Without
- Wire Type = Stranded
- Underplate Material Thickness (µm [µin]) = 1.27 [50.000]
- Assembly Integration Feature = Without
- Contact Protection Type = Lance

**Contact Features:**

- Contact Type = Socket
- Contact Diameter (mm [in]) = 1.80 [0.071]
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.762 [30]
- Shunts/Shorting Bars = Without
- Multiple Contact Types = Without
- Underplate Material = Nickel

**Housing Features:**

- Mating Alignment = Without

**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](#) = Yes
- [Agency/Standard](#) = UL, CSA
- [UL Rating](#) = Recognized
- [CSA Rating](#) = Certified

**Environmental:**

- [Operating Temperature \(°C \[°F\]\)](#) = -20 - +105 [-4 - +221]

**Conditions for Usage:**

- [Applies To](#) = Wire/Cable
- [Glow Wire Rating](#) = Standard Part, Not Glow Wire
- [Wire Size - Multiple Conductors](#) = (2) 0.30-0.40<sup>2</sup> [(2) 22]
- [Accepts Wire Insulation Diameter, Range \(mm \[in\]\)](#) = 1.50 - 2.40 [0.059 - 0.0941], 3.40 [0.134]

**Operation/Application:**

- [Application Use](#) = Wire-to-Wire

**Packaging Features:**

- [Packaging Method](#) = Reel
- [Packaging Quantity](#) = 4,000

**Other:**

- [Brand](#) = AMP

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