



## 5171637-3 Product Details

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**5171637-3**

TE Internal Number: 5171637-3

Active

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### .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:**

- [SOCKET CONTACT](#) (PDF, Japanese)

**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:**

- None Available

**CAD Files:** ([CAD Format & Compression Information](#))

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

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)

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

**Product Type Features:**

- Product Line = Mini-Universal MATE-N-LOK
- Product Type = Contact
- PCB Mount Retention = Without
- Sealed = No
- Wire/Cable Type = Discrete Wire
- 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>) = 0.5 - 1.3
- Wire/Cable Size (AWG) = 16 - 20
- Termination Method to Wire/Cable = Crimp

**Body Features:**

- Used With = Plug Housing
- Mating Retention = Without
- Wire Type = Stranded
- Assembly Integration Feature = Without

**Housing Features:**

- Mating Alignment = Without

**Configuration Features:**

- Strain Relief = 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
- UL File Number = E28476

**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) 0.50-0.60<sup>2</sup> [(2) 20]
- Accepts Wire Insulation Diameter, Range (mm [in]) = 2.00 - 3.20 [0.079 - 0.126], 2.40 [0.094]

**Operation/Application:**

- Application Use = Wire-to-Wire

Feedback

- 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 ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 0.76 [29.92]
- Shunts/Shorting Bars = Without
- Multiple Contact Types = Without
- Underplate Material = Nickel
- Underplate Material Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 1.27 [50.000]

**Packaging Features:**

- Packaging Method = Reel
- Packaging Quantity = 4,000

**Other:**

- Brand = TE Connectivity
- Comment = HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine with T or G Terminators, -2 is used on AMP-O-LECTRIC Model K Machine, -3 is used on AMP-O-LECTRIC Model G Machine.

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