

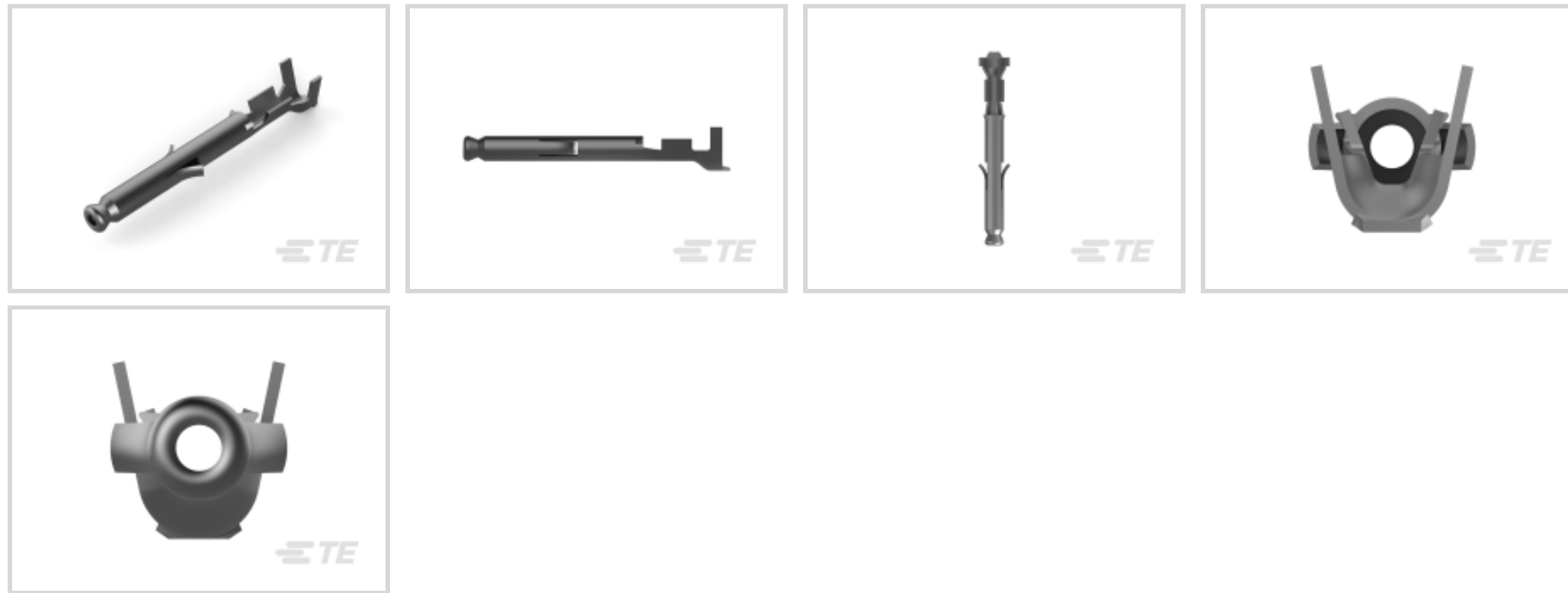
**WIN***SOURCE*  
**ELECTRONICS**

**THE DATASHEET OF**  
**170365-1**





Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **600 VDC**

## Features

### Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

### Contact Features

|   |                   |
|---|-------------------|
| Contact Orientation                             | Straight          |
| Mating Pin Diameter                             | 1 mm [.039 in]    |
| Contact Mating Area Plating Material Thickness  | .8 μm [31.49 μin] |
| Wire Contact Termination Area Plating Thickness | .8 μm [31.49 μin] |
| Barrel Type                                     | Open              |
| Contact Type                                    | Socket            |
| Contact Mating Area Plating Material            | Tin (Sn)          |
| Wire Contact Termination Area Plating Material  | Pre-Tin           |
| Contact Retention Within Housing                | With              |
| Contact Base Material                           | Brass             |
| Contact Current Rating (Max)                    | 7 A               |



### Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

### Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

### Dimensions

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Compatible Insulation Diameter Range | 1.19 – 1.75 mm [.047 – .069 in] |
| Wire Size                            | .12 – .35 mm <sup>2</sup>       |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -20 – 105 °C [-4 – 221 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

### Industry Standards

|   |         |
|---|---------|
| Compatible With Agency/Standards Products | CSA, UL |
|---|---------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 300 |
| Packaging Method   | Bag |

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant  |
| EU ELV Directive 2000/53/EC                   | Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free  |
| Solder Process Capability                     | Not applicable for solder process capability   |

Product Compliance Disclaimer

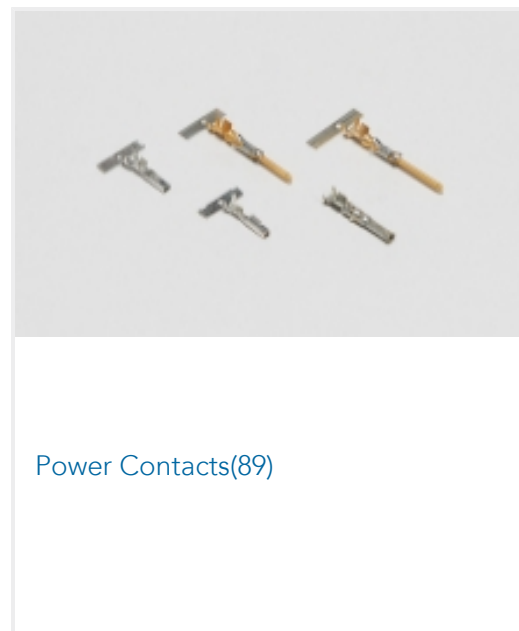
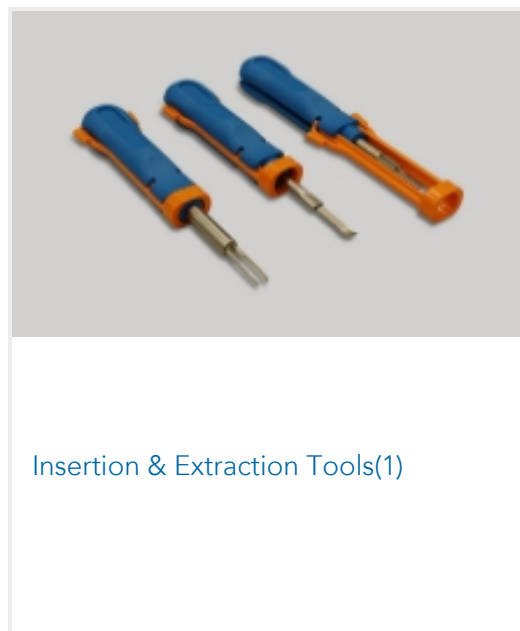
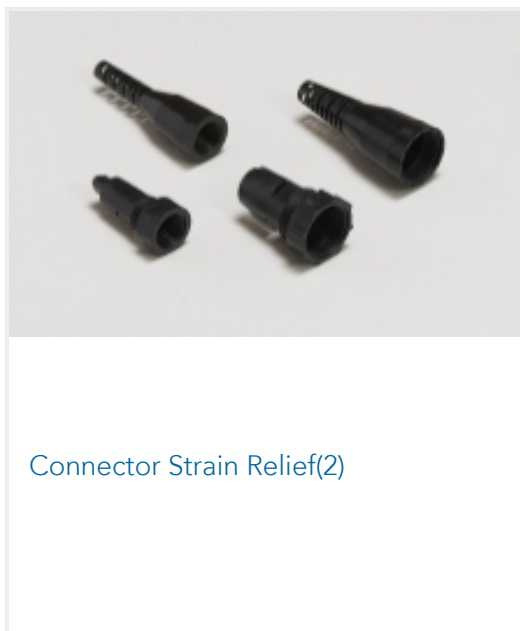
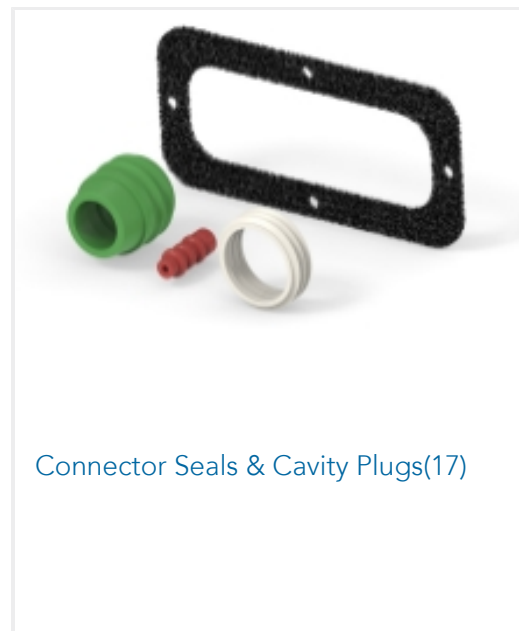
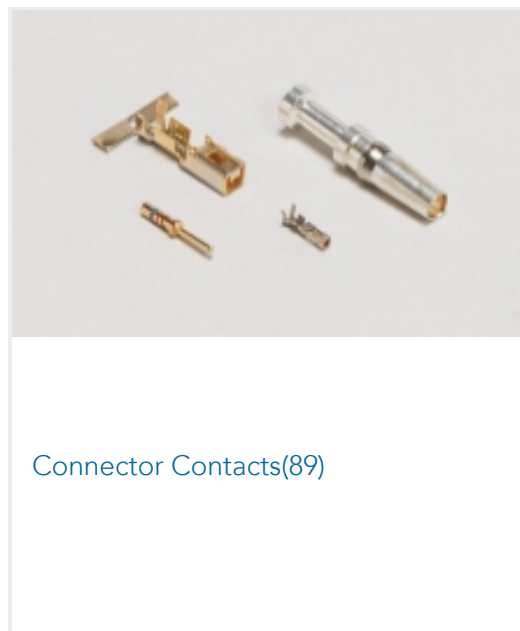
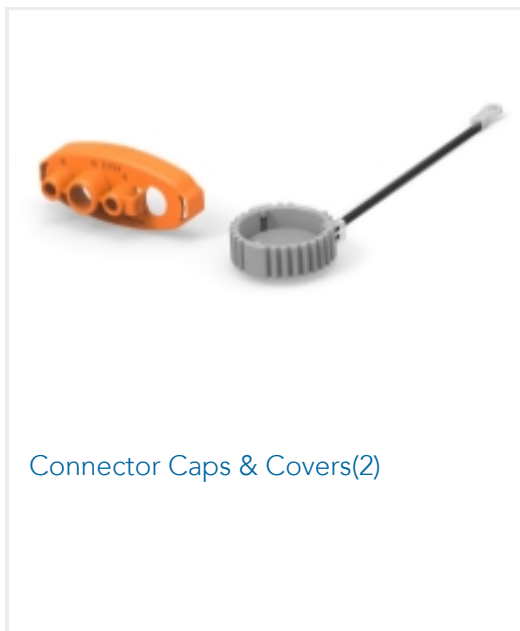
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



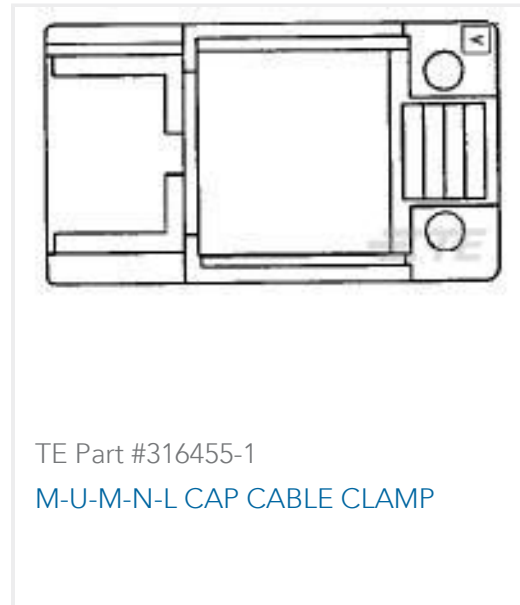


Also in the Series | **Mini-Universal MATE-N-LOK**



Customers Also Bought





## Documents

### Product Drawings

#### MINI UNIVERSAL M-N-L SOCKET LP

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170365-1\\_1\\_c-170365-1-1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170365-1\\_1\\_c-170365-1-1.3d\\_igs.zip](#)

English

#### Customer View Model

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English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

#### Application Specification

English

#### Crimping of Mini-Universal MATE-N-LOK Contact

Japanese

#### Application Specification

Japanese

### Agency Approvals



[UL Report](#)

English

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