



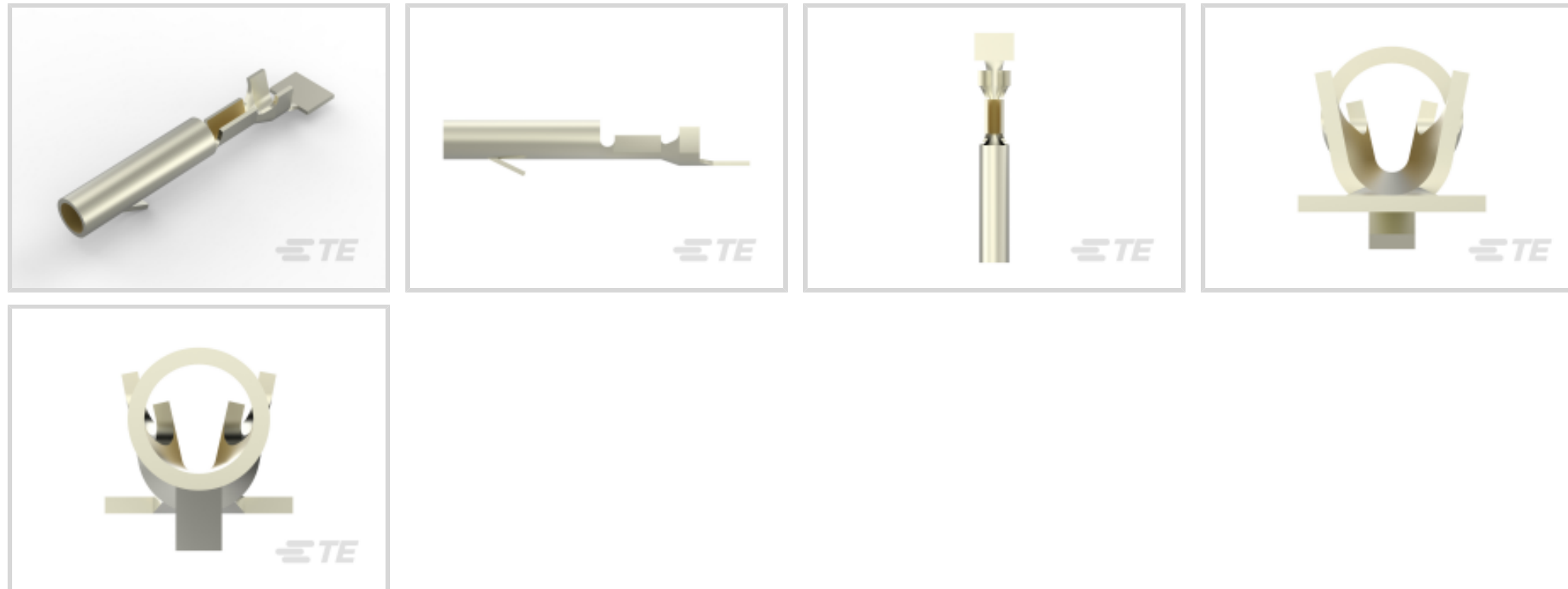
MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 350078-5

Socket Contact, Gold, 250 VAC, Locking Lance Contact Retention,
30 – 22 AWG Wire Size, .05 – .4 mm² Wire Size, Crimp, Brass,
Commercial MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

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

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Reel |
| Packaging Quantity | 6500 |

Dimensions

| | |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 1.02 – 1.91 mm [.04 – .075 in] |
| Wire Size | .05 – .4 mm ² |

Mechanical Attachment

| | |
|---------------------------------------|---------------|
| Wire Insulation Support | Without |
| Contact Retention Type Within Housing | Locking Lance |

Contact Features

| | |
|-------------------------------|----------|
| Contact Underplating Material | Nickel |
| Contact Orientation | Straight |



| | |
|---|------------------|
| Mating Pin Diameter | 2.11 mm[.083 in] |
| Contact Underplating Material Thickness | 1.27 μm[50 μin] |
| Wire Contact Termination Area Plating Thickness | .76 μm[30 μin] |
| Contact Mating Area Plating Material Thickness | .76 μm[30 μin] |
| Wire Contact Termination Area Plating Material Finish | Bright |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold |
| Wire Contact Termination Area Plating Material | Gold |
| Contact Retention Within Housing | With |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 15 A |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Termination Features

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

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

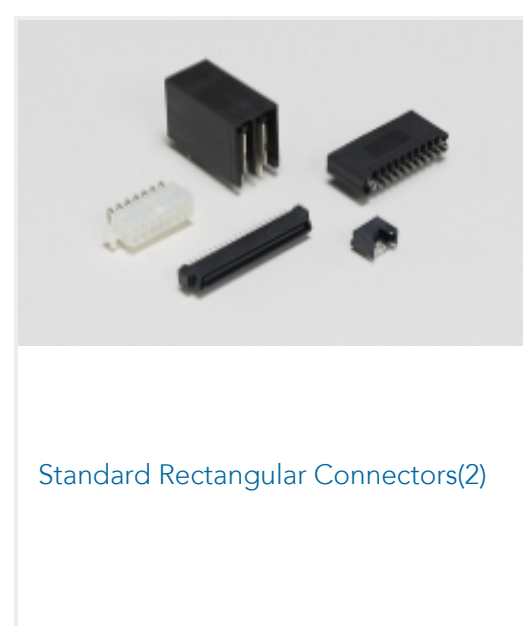
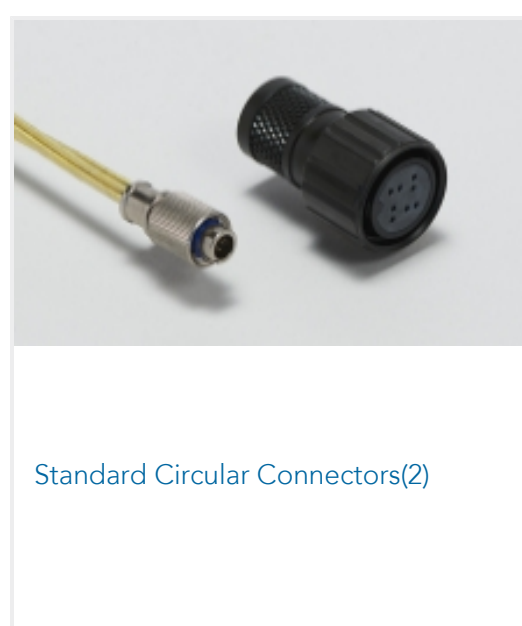
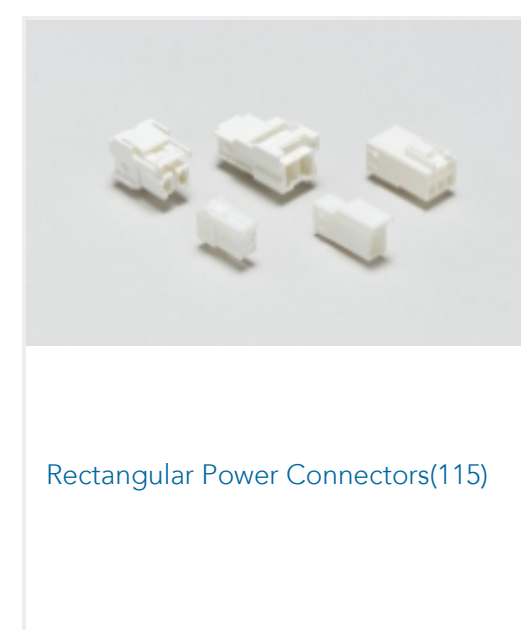
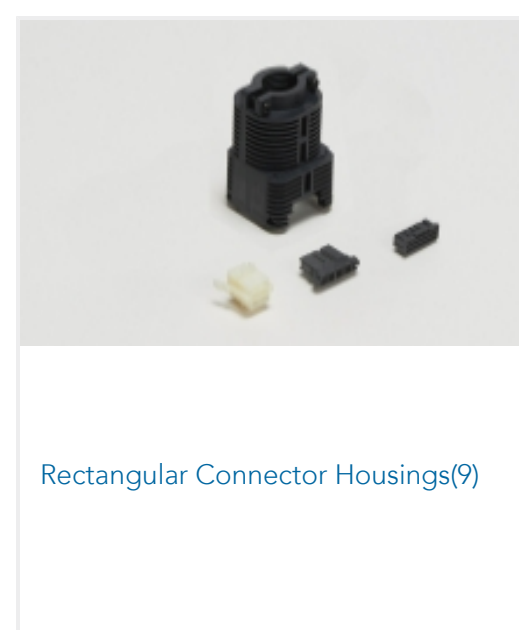
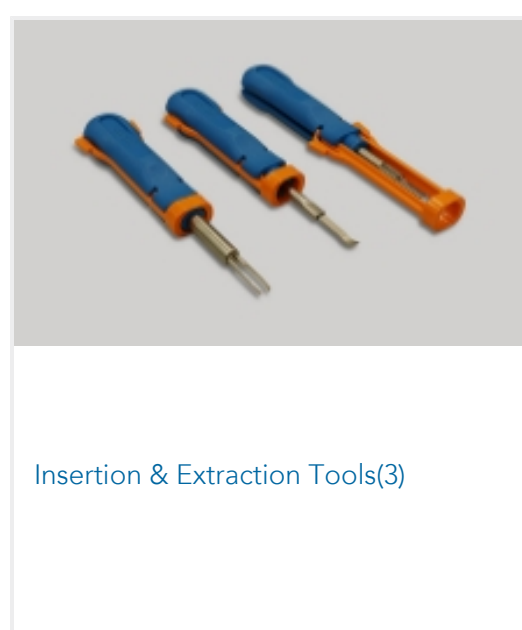
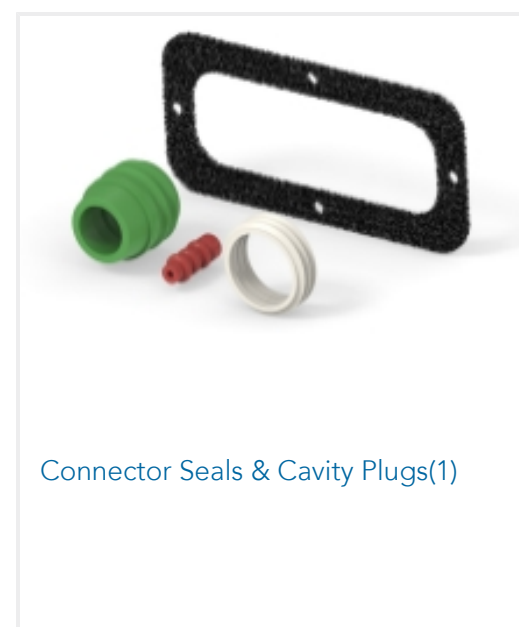
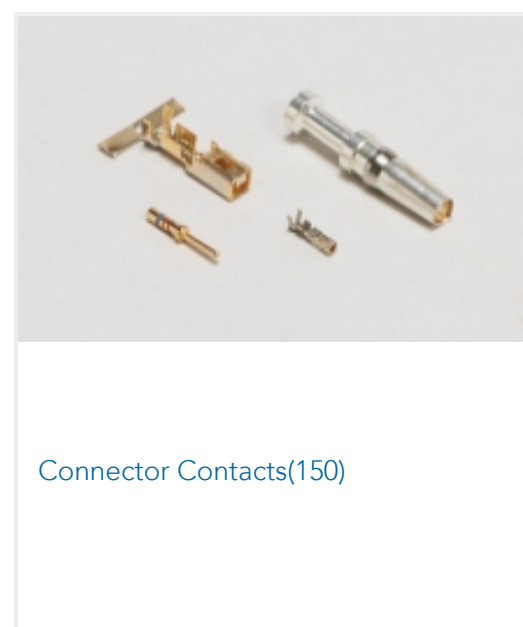
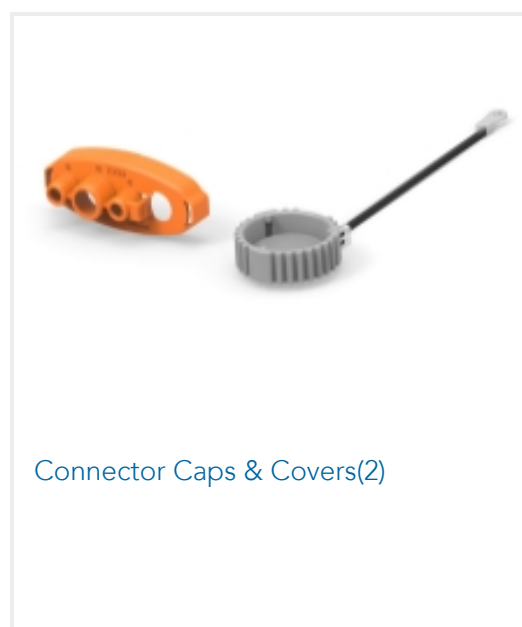
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

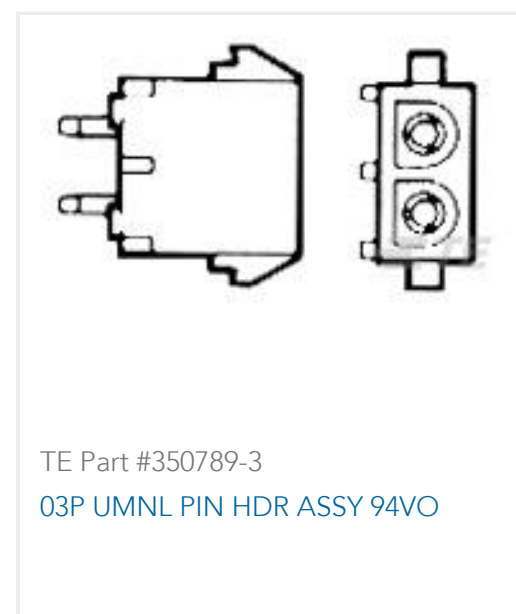




Also in the Series | **Commercial MATE-N-LOK**



Customers Also Bought



Documents

Product Drawings

[CMNL SOK 30-22 AUNIBR](#)

English

CAD Files

Customer View Model

[ENG_CVM_350078-5_N.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_350078-5_N.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_350078-5_N.2d_dxf.zip](#)

English

[3D PDF](#)

English

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3D



Customer View Model

[ENG_CVM_CVM_350078-5_AG.2d_dxf.zip](#)

English

Customer View Model

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Customer View Model

[ENG_CVM_CVM_350078-5_AG.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English