



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

TE Internal #: 163307-2

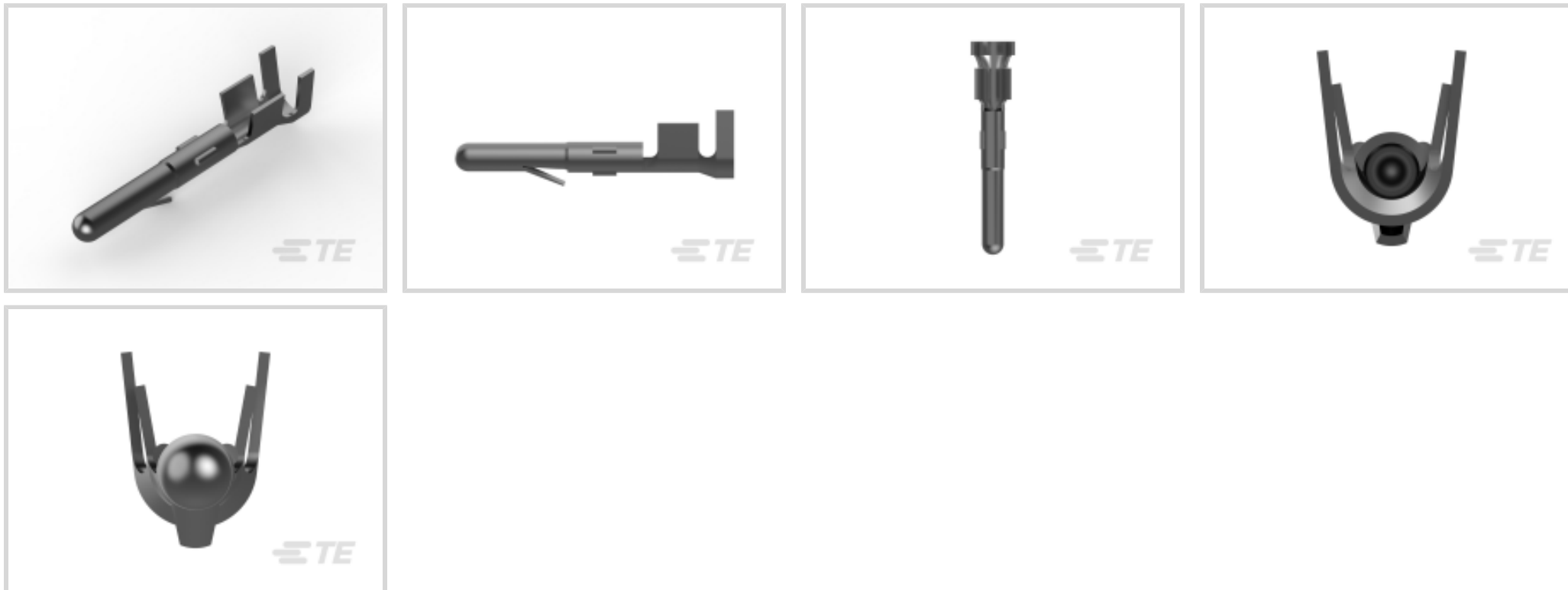
Pin Contact, Tin, Locking Lance Contact Retention, 17 – 13 AWG

Wire Size, 1 – 2.5 mm² Wire Size, Crimp, Brass, Power, Commercial

MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

Product Type Features

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

Contact Features

| | |
|---|-----------------|
| Mating Pin Diameter | 2.1 mm[.082 in] |
| Wire Contact Termination Area Plating Thickness | .76 μm[30 μin] |
| Contact Orientation | Straight |
| Contact Type | Pin |
| Contact Mating Area Plating Material | Tin |
| Wire Contact Termination Area Plating Material | Pre-Tin |
| Contact Retention Within Housing | With |
| Contact Base Material | Brass |

Termination Features

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

Mechanical Attachment



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

Dimensions

| | |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 2.5 – 3.8 mm [.098 – .15 in] |
| Wire Size | 1 – 2.5 mm ² |

Operation/Application

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Method | Box |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 |

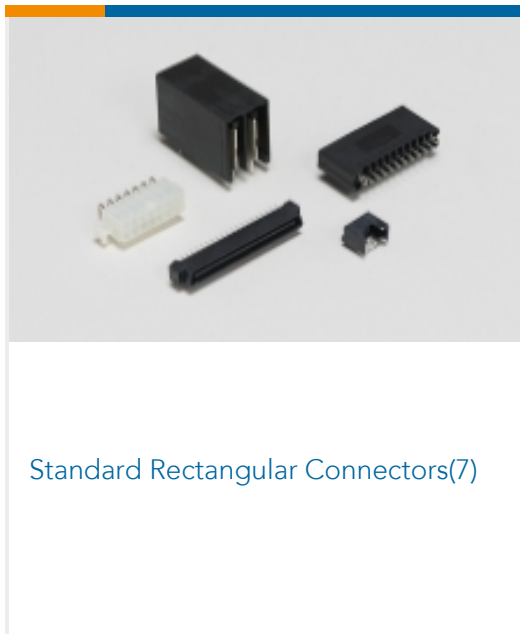
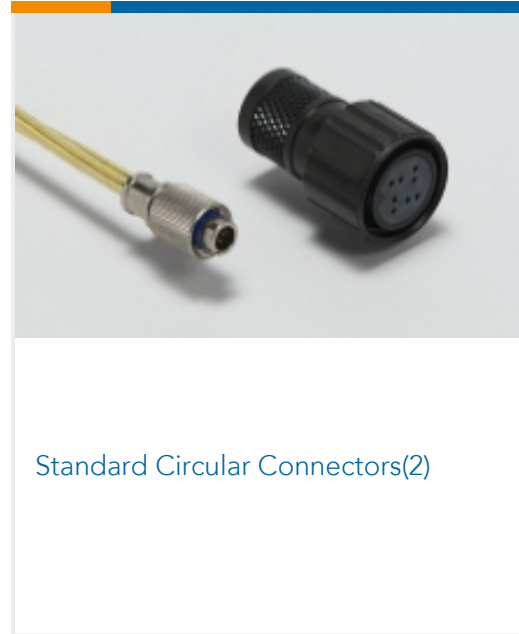
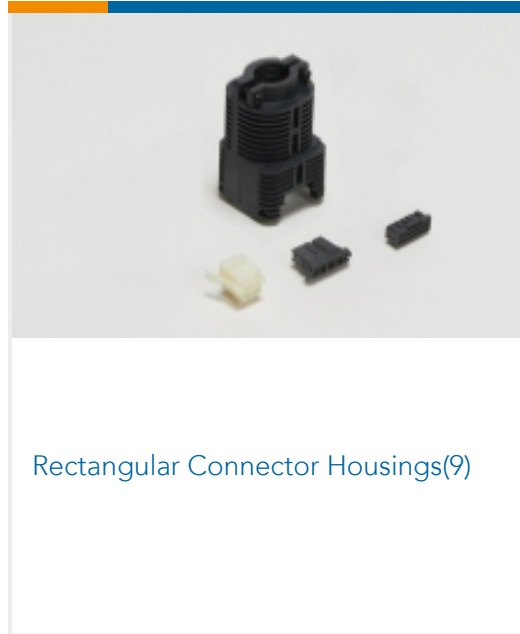
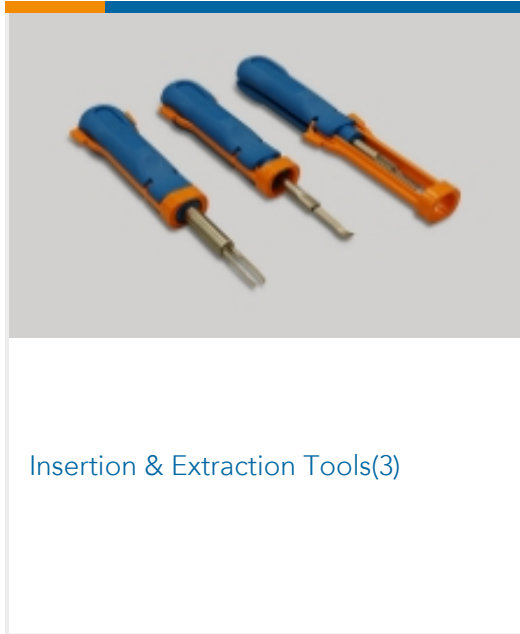
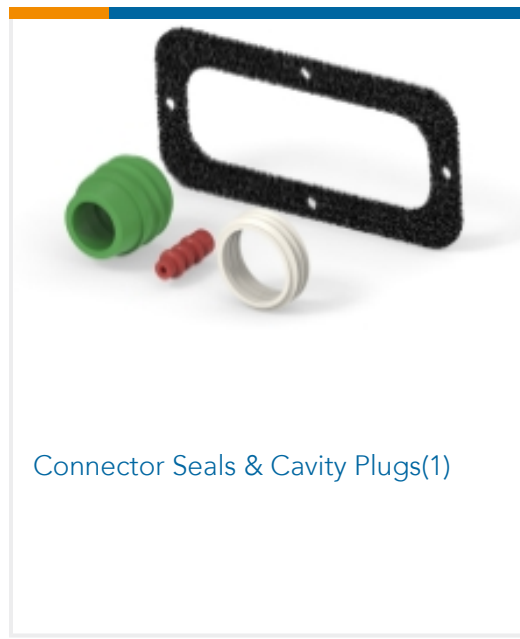
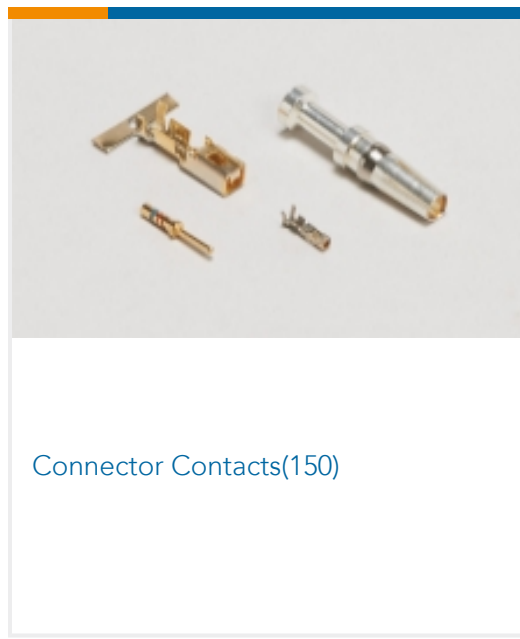
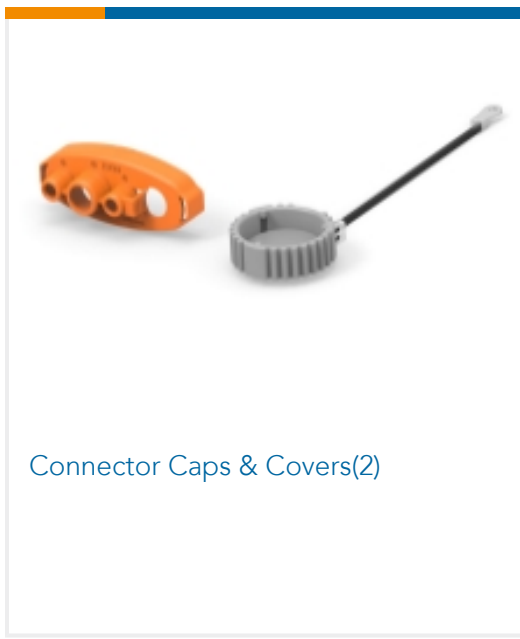
Product Compliance Disclaimer

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>

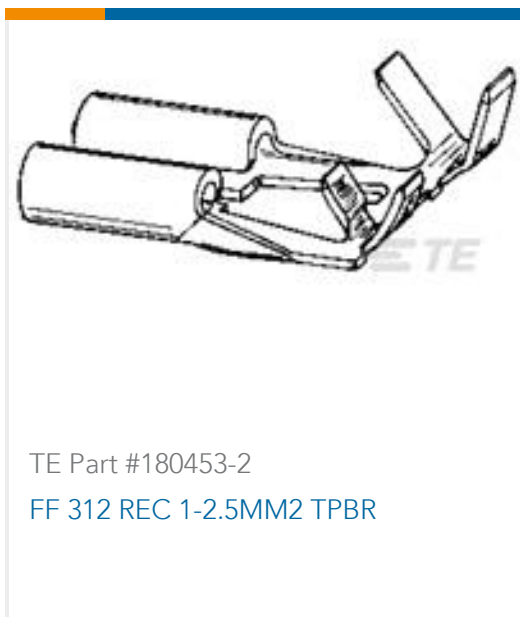
Compatible Parts

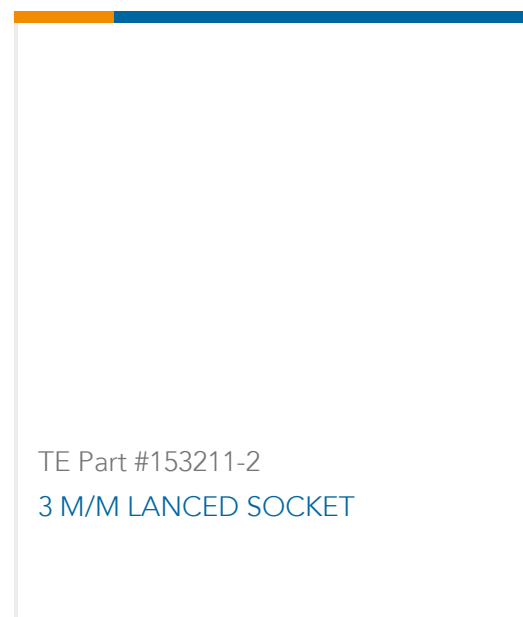


Also in the Series | Commercial MATE-N-LOK



Customers Also Bought





Documents

Product Drawings

MATENLOK PIN

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_163307-2_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163307-2_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163307-2_K.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English