

61117-7 ✓ ACTIVE

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

TE Internal #: 61117-7

Socket Contact, Gold, 250 VAC, Locking Lance Contact Retention,
Discrete Wire, 20 – 14 AWG Wire Size, .5 – 2.27 mm² Wire Size,
Commercial MATE-N-LOK

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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
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Diameter	2.13 mm[.084 in]
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Contact Mating Area Plating Material Thickness	.76 μm[29.92 μin]
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Contact Shape & Form	Round
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Barrel Type	Open
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Contact Type	Socket
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Contact Mating Area Plating Material	Gold
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Wire Contact Termination Area Plating Material	Gold
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Contact Retention Within Housing	With
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Contact Base Material	Brass
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Contact Current Rating (Max)	15 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

Compatible Insulation Diameter Range	3.3 mm [.13 in]
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Wire Size	.5 – 2.27 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

For Multiple Crimp	No
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Circuit Application	Power
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Packaging Features

Packaging Quantity	5000
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Packaging Method	Reel
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

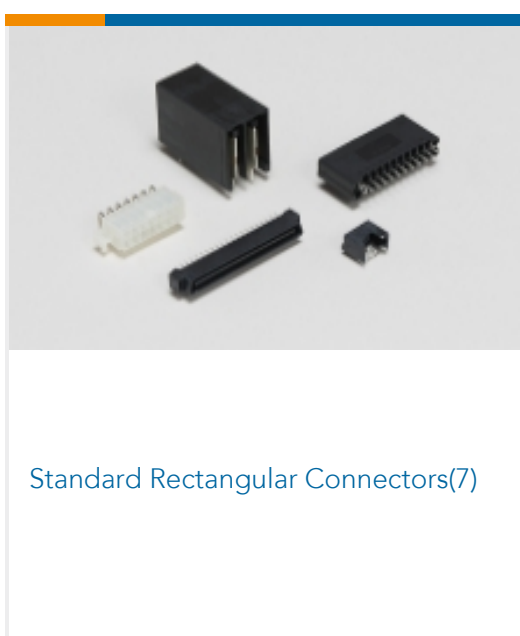
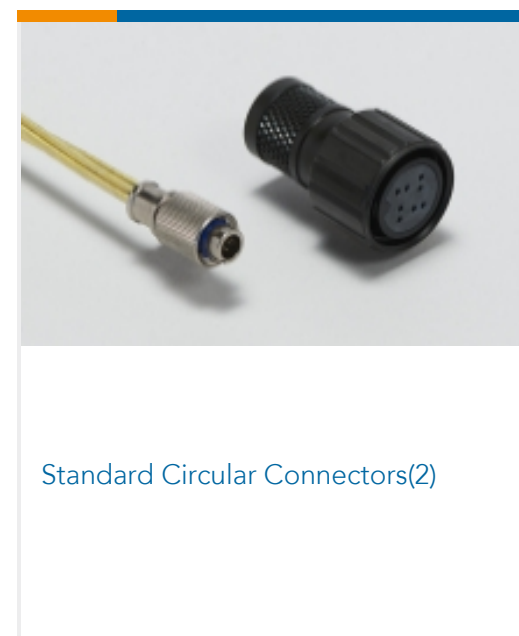
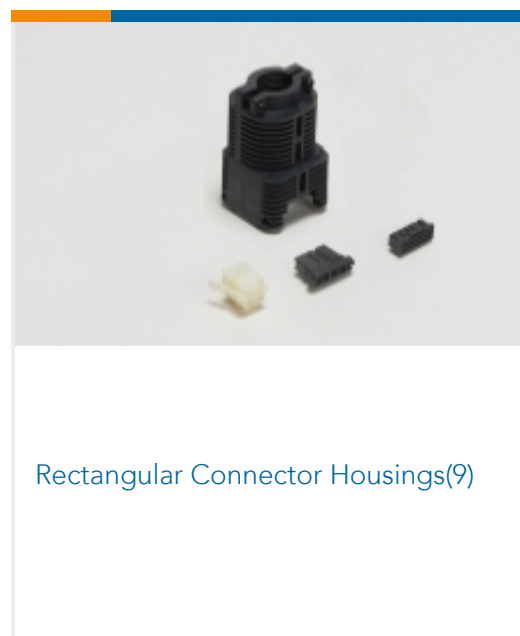
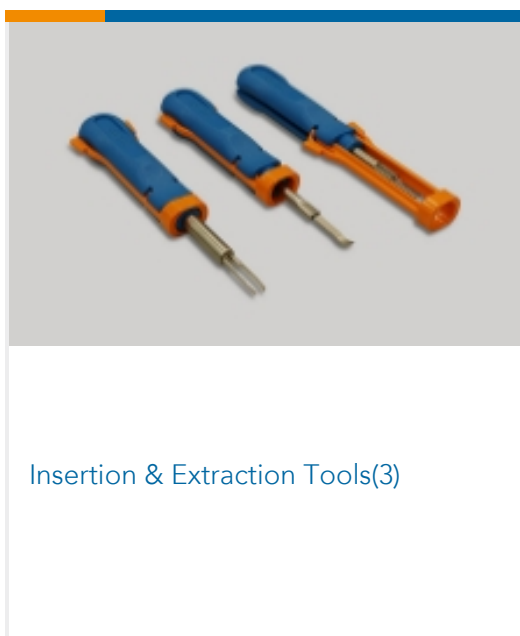
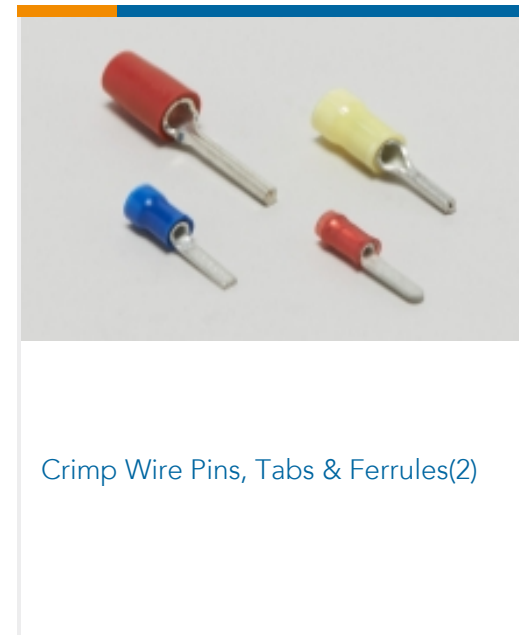
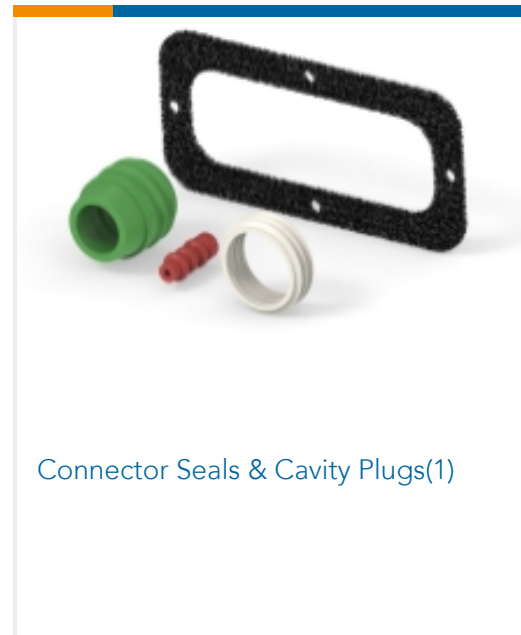
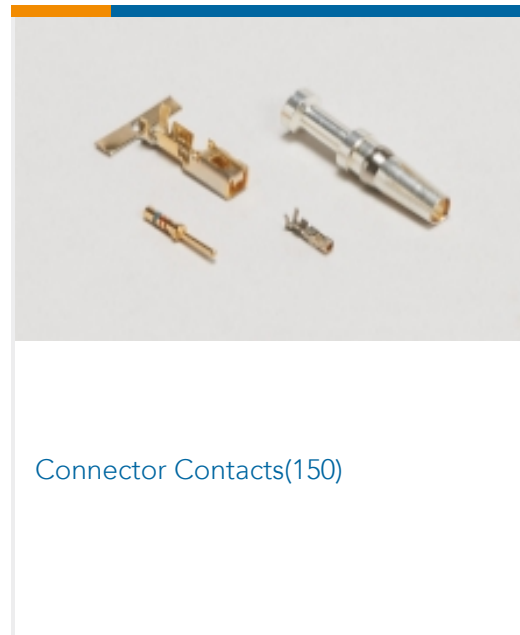
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



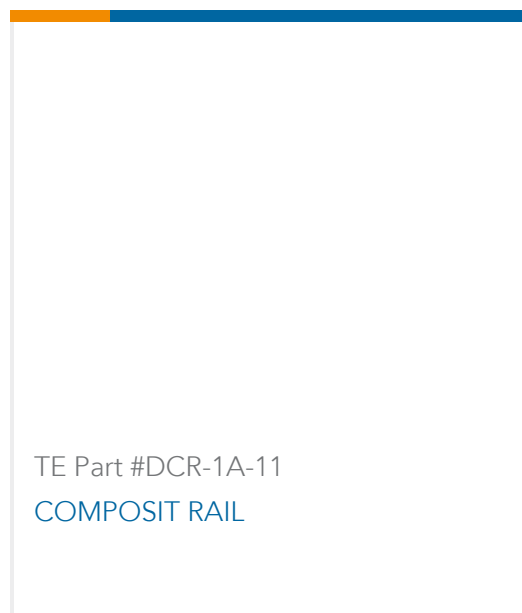
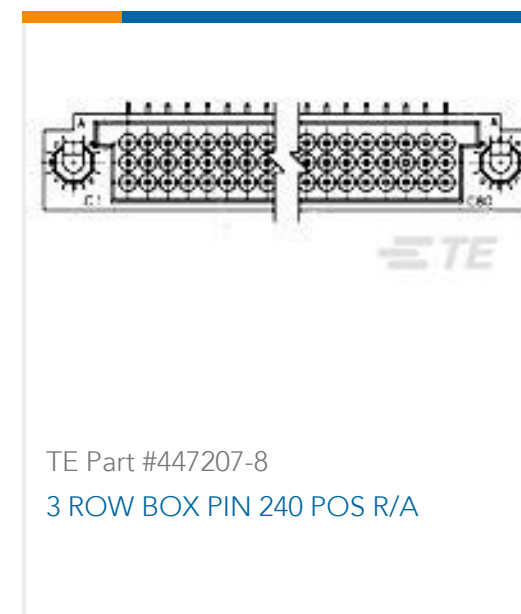
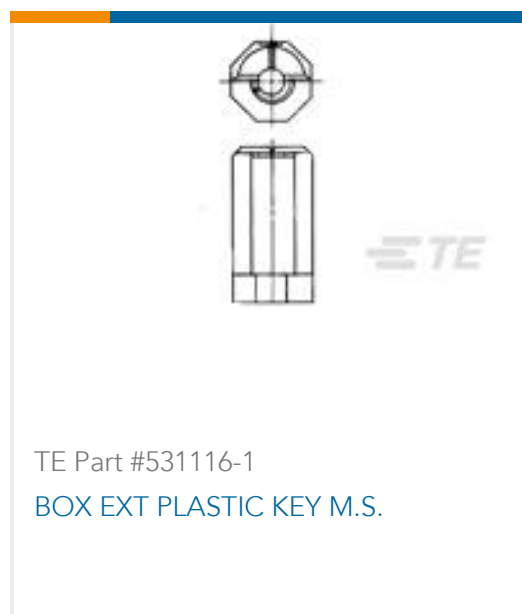


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Customers Also Bought





Documents

Product Drawings

CMNL SOK 20-14 AUBR

English

CAD Files

3D PDF

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Customer View Model

[ENG_CVM_61117-7_AC.2d_dxf.zip](#)

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Customer View Model

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Customer View Model

[ENG_CVM_61117-7_AC.3d_stp.zip](#)

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3D PDF

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Customer View Model

[ENG_CVM_CVM_61117-7_BJ.2d_dxf.zip](#)

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Customer View Model

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Customer View Model

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English



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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

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