



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

TE Internal #: 350078-5

Power Contacts, Contact, 250 VAC, Gold, 30 – 22 AWG Wire Size, .05 – .4 mm² Wire Size, Wire & Cable, Crimp, Power, Socket, Commercial MATE-N-LOK

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VAC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.05 – .4 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

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

Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

Dimensions

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

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Quantity	6500
Packaging Method	Reel

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

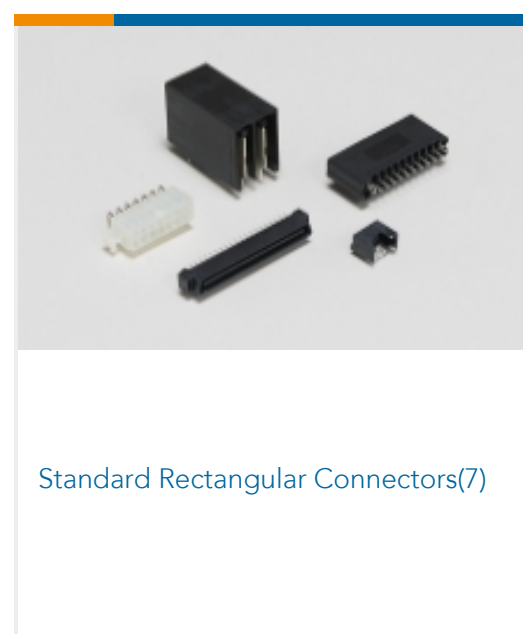
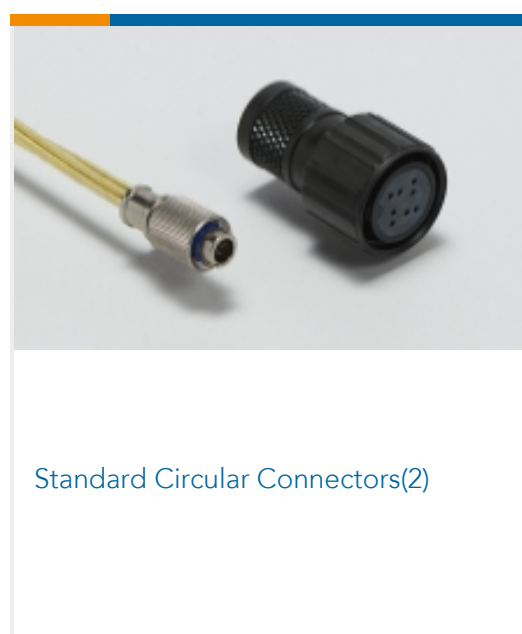
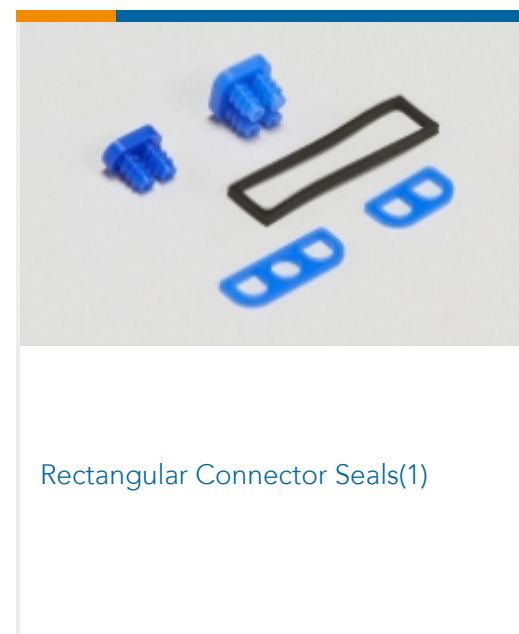
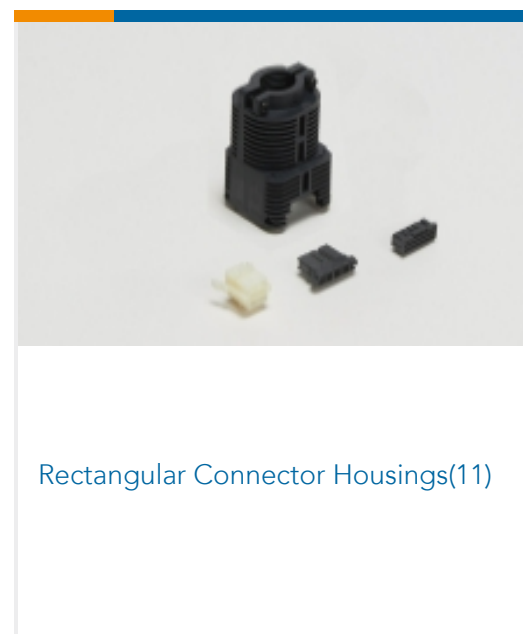
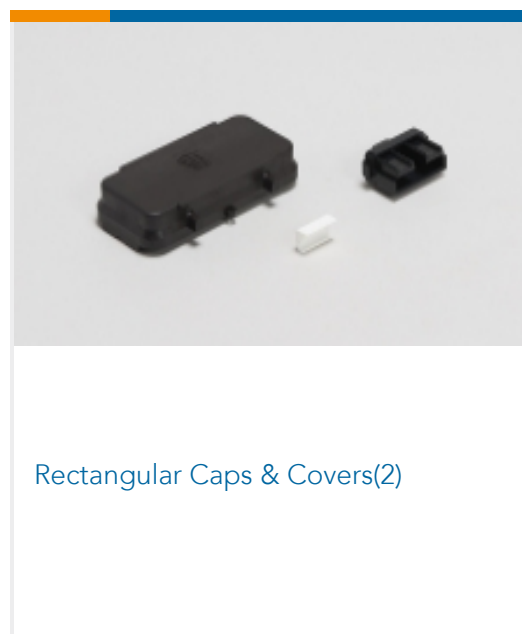
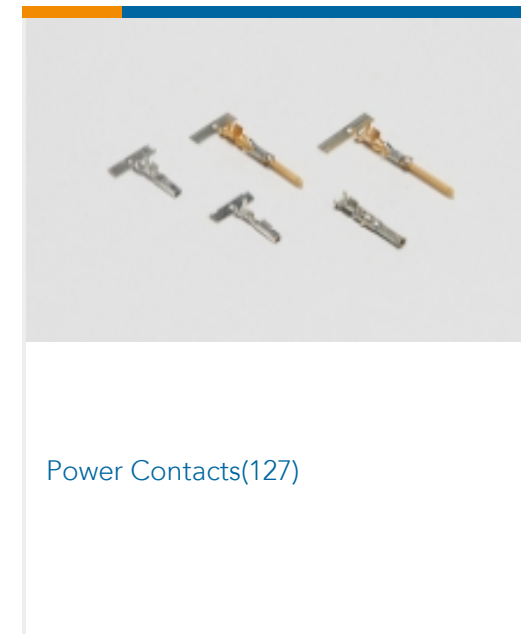
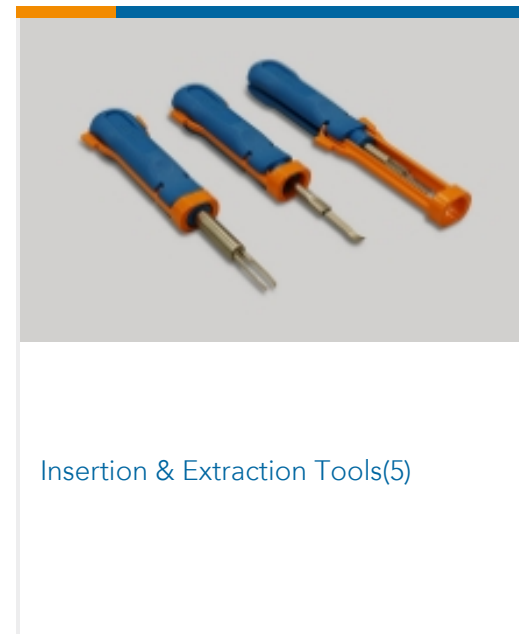
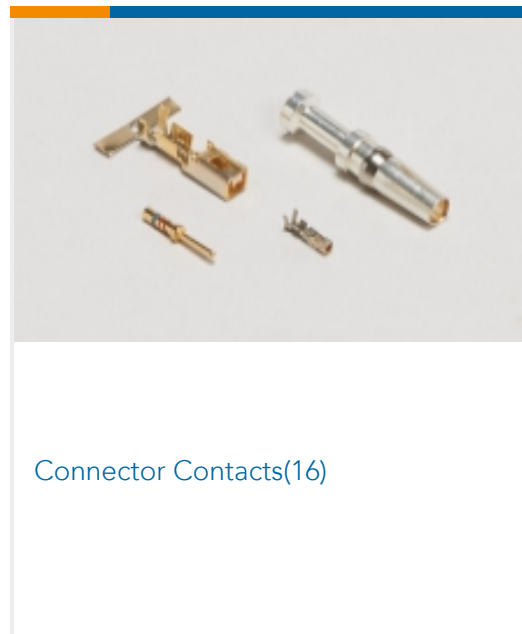
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





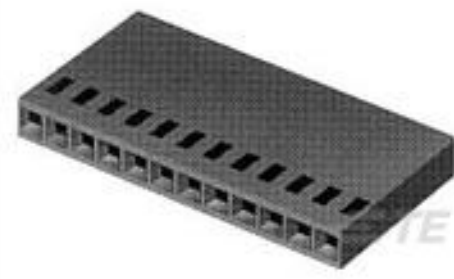
Also in the Series | Commercial MATE-N-LOK



Customers Also Bought



TE Part #3-640252-1
045 POST CONT 0126PTPBR



TE Part #87499-3
02 MODIV HSG SR MRKD .100CL



TE Part #1-480424-0
04P CMNL PLUG HSG F/H NATL



TE Part #1-480318-0
02P CMNL PLUG HSG F/H NATL



TE Part #42236-1
110 FASTON REC 22-20 AWG TPBR



TE Part #51864-8
TERMINAL,PIDG R IR 14 6



TE Part #91541-1
CCII MOD IV 1 2 REC 32-27 ASSY



TE Part #2150008-2
OCEAN_2.0_Applicator-E-130F180F



TE Part #2151229-1
OCEAN-2.0-APPLICATOR-S-055F120F



TE Part #NB20034001
VERSAFIT-1/4-0-SP

Documents

Product Drawings

[CMNL SOK 30-22 AUNIBR](#)

English

CAD Files

Customer View Model

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

English

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

[3D PDF](#)

3D



Customer View Model

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

English

Customer View Model

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

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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