



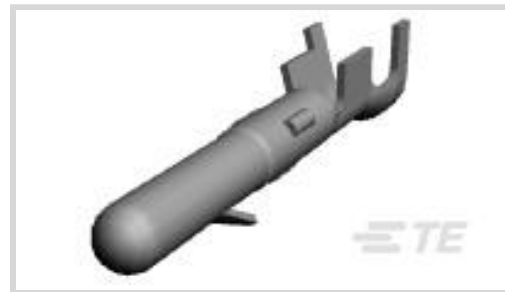
MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 163301-1

Connector Contacts, Pin, Unplated, None, 250 VAC, Locking Lance
 Contact Retention, Wire-to-Wire, Discrete Wire, Commercial MATE-N-LOK

[View on TE.com >](#)

Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Unplated**

Wire Contact Termination Area Plating Material: **None**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

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]
Contact Type	Pin
Contact Mating Area Plating Material	Unplated
Wire Contact Termination Area Plating Material	None
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment



Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

Accepts Wire Insulation Diameter Range	1.8 – 3.3 mm [.071 – .13 in]
Wire Size	.5 – 1 mm ²

Usage Conditions

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

For Multiple Crimp	No
For Use With	Pin (Cap) Housing

Industry Standards

VDE Tested	No
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Packaging Features

Packaging Method	Reel
Packaging Quantity	3500

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 2022 (224) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts





TE Part # 1-480278-0
12P CMNL CAP HSG P/M NATL



TE Part # 1-480425-0
04P CMNL PLUG HSG P/M NATL

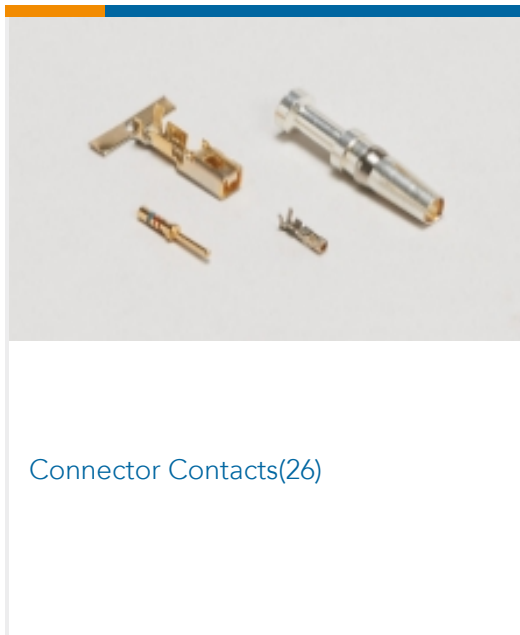


TE Part # 1-480324-0
15P CMNL CAP HSG P/M NATL



TE Part # 1-480721-0
03P CMNL PLUG HSG W/LOK NATL

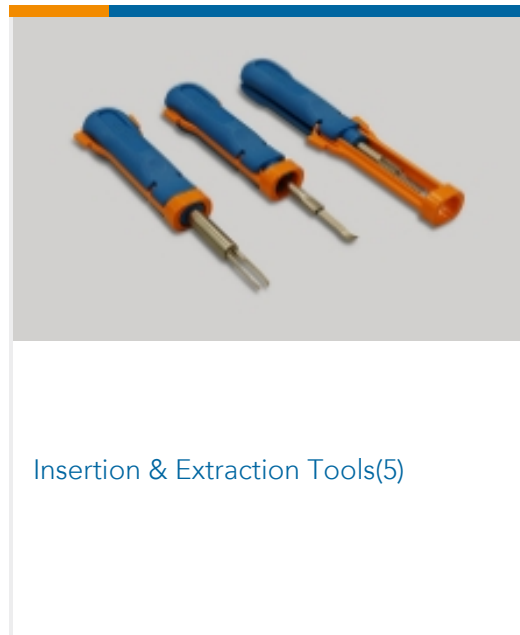
Also in the Series | Commercial MATE-N-LOK



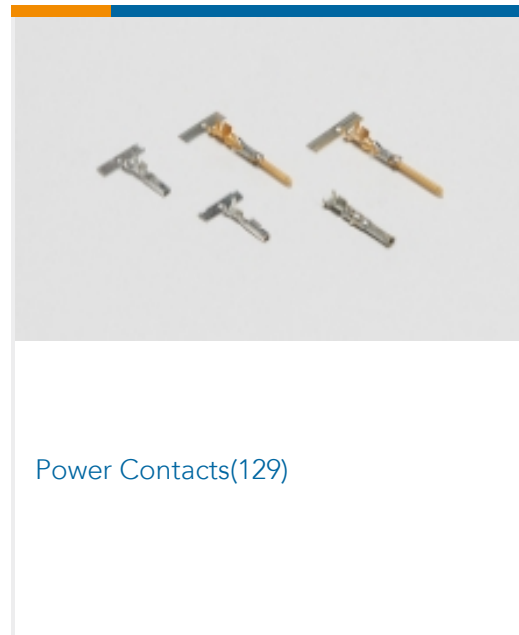
Connector Contacts(26)



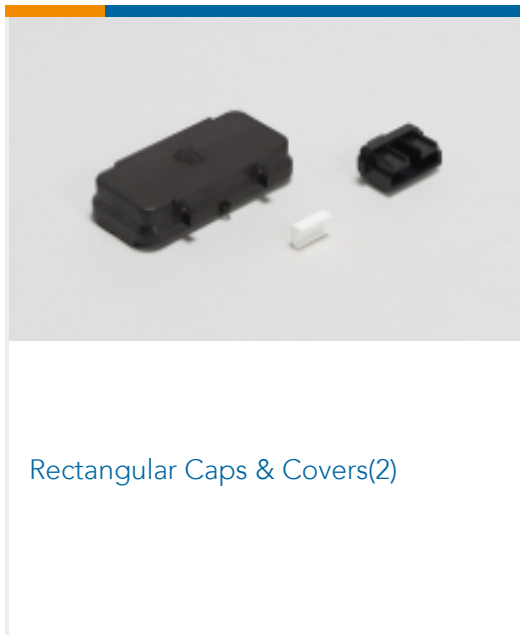
Crimp Wire Pins, Tabs & Ferrules(3)



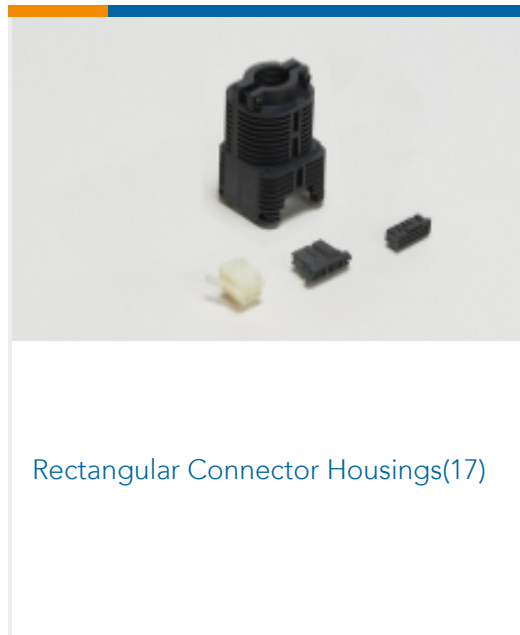
Insertion & Extraction Tools(5)



Power Contacts(129)



Rectangular Caps & Covers(2)



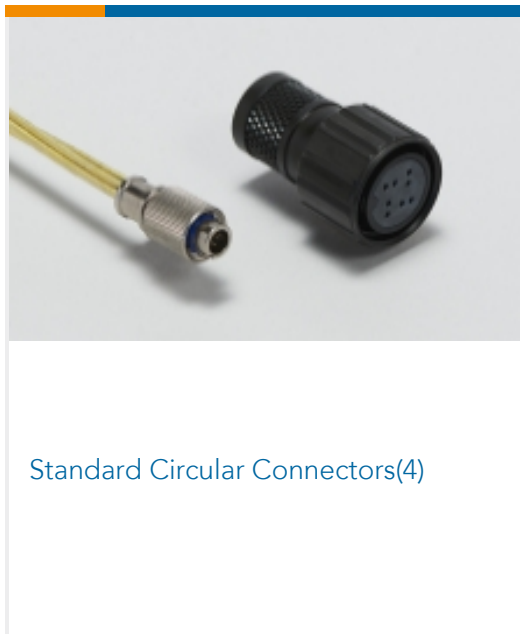
Rectangular Connector Housings(17)



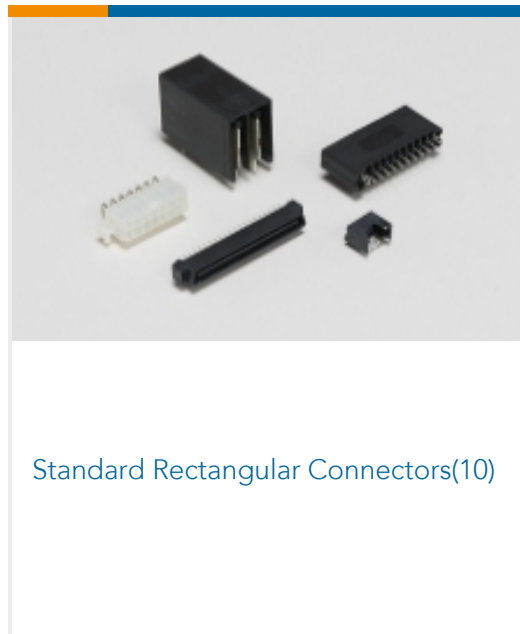
Rectangular Connector Seals(1)



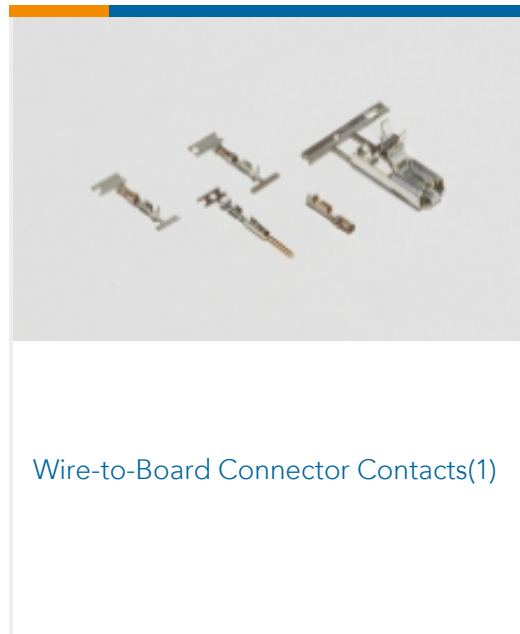
Rectangular Power Connectors(170)



Standard Circular Connectors(4)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #YDTS26W17-08AAV001
PLUG ASSY



TE Part #ZPF000000000203986
DMC-MD 26 E-T



TE Part #ZPF000000000148912
DMC-MD 26 A-T



TE Part #ZPF000000000148532
DMC-MD 26 B-T



Documents

Product Drawings

MATENLOK PIN

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_163301-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_163301-1_K.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_163301-1_K.2d_dxf.zip](#)

English

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