

350073-1 ✓ ACTIVE

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

TE Internal #: 350073-1

Power Contacts, Contact, 250 VAC, 250 VDC, Tin, Printed Circuit Board, Power, Socket, -55 – 105 °C [-67 – 221 °F], Commercial MATE-N-LOK

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Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Tin**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.4 – 3.5 μm [15.74 – 137.7 μin]
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Tin
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	Phosphor Bronze
Contact Orientation	Straight



Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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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	1000
Packaging Method	Bag

Other

Power Connectors Comment	For .125 max. board thickness - Board hole size .057 +/- .003.
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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: 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

 <p>TE Part # 1-171196-0 6 POS MATE-N-LOK S</p>	 <p>TE Part # 1-480274-0 09P CMNL PLUG HSG P/M NATL</p>	 <p>TE Part # 1-480284-0 08P CMNL CAP HSG M/M NATL</p>	 <p>TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL</p>
 <p>TE Part # 1-480683-0 02P CMNL PLUG HSG F/H NATL</p>	 <p>TE Part # 1-480277-0 09P CMNL CAP HSG P/M NATL</p>	 <p>TE Part # 1-480722-0 04P CMNL PLUG HSG W/LCK NATL</p>	 <p>TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL</p>
 <p>TE Part # 1-480285-0 10P CMNL PLUG HSG M/M NATL</p>	 <p>TE Part # 1-480439-0 16P CMNL CAP HSG M/M NATL</p>	 <p>TE Part # 1-480393-1 02P CMNL PLUG HSG F/H BLK</p>	 <p>TE Part # 1-480345-0 08P CMNL CAP HSG F/H NATL</p>
 <p>TE Part # 1-480340-0 06P CMNL CAP HSG F/H NATL</p>	 <p>TE Part # 1-480278-0 12P CMNL CAP HSG P/M NATL</p>	 <p>TE Part # 1-480425-0 04P CMNL PLUG HSG P/M NATL</p>	 <p>TE Part # 1-480324-0 15P CMNL CAP HSG P/M NATL</p>



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



TE Part # 1-480323-0
15P CMNL PLUG HSG P/M NATL

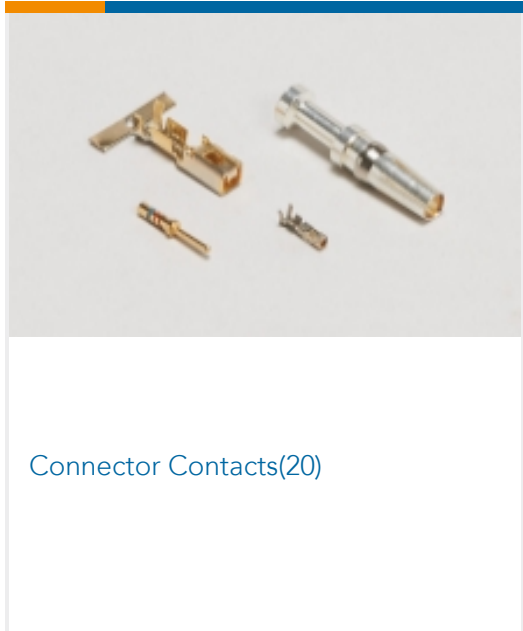


TE Part # 170924-1
MNL 2 POS NATURAL PIN HSG

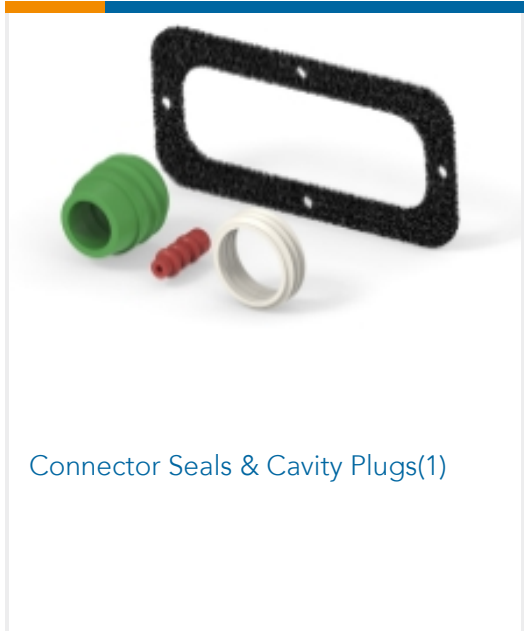


TE Part # 1-480426-0
04P CMNL CAP HSG F/H NATL

Also in the Series | Commercial MATE-N-LOK



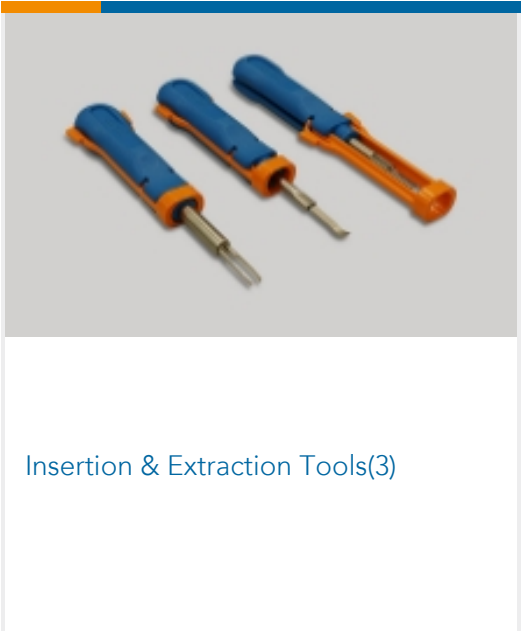
Connector Contacts(20)



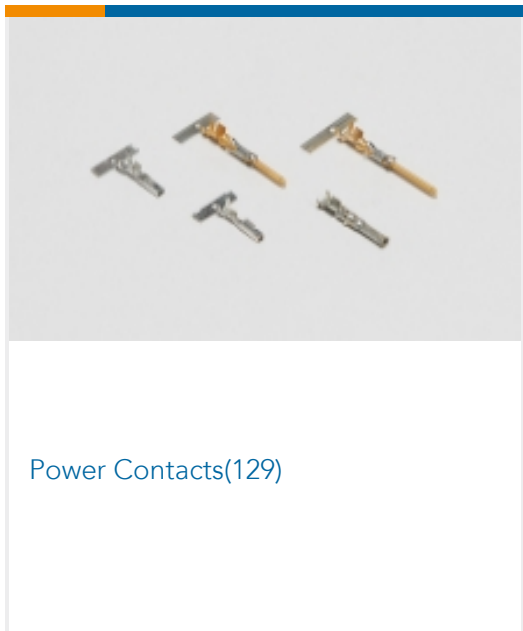
Connector Seals & Cavity Plugs(1)



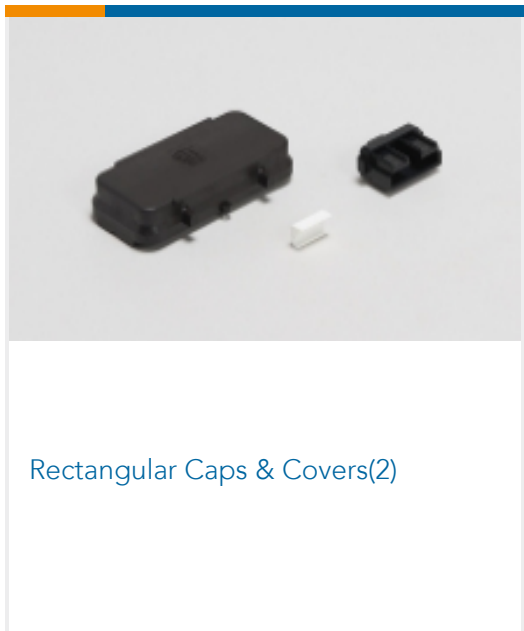
Crimp Wire Pins, Tabs & Ferrules(2)



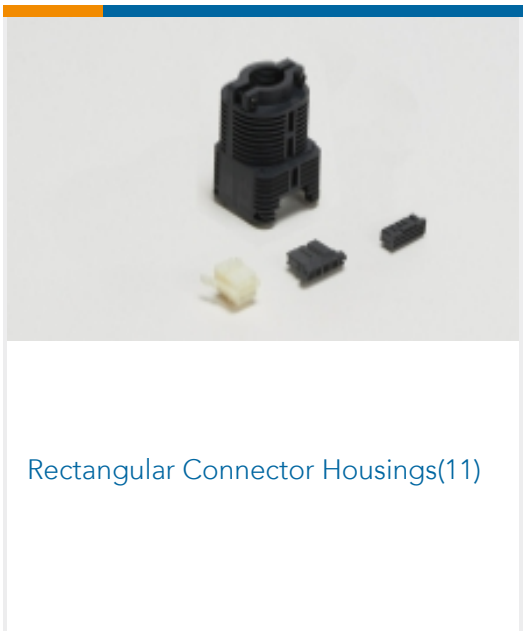
Insertion & Extraction Tools(3)



Power Contacts(129)



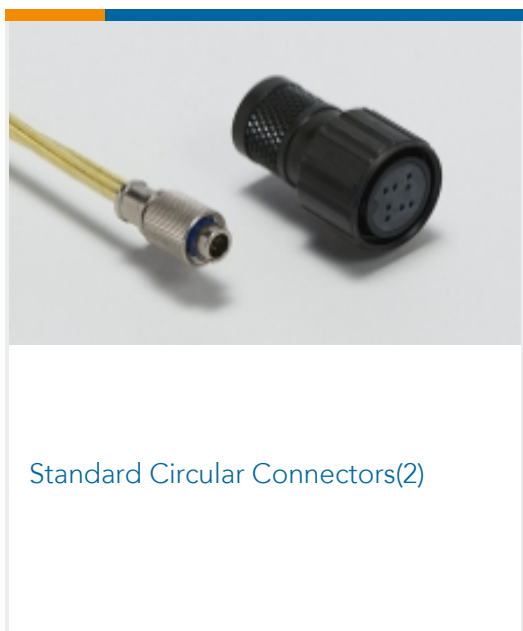
Rectangular Caps & Covers(2)



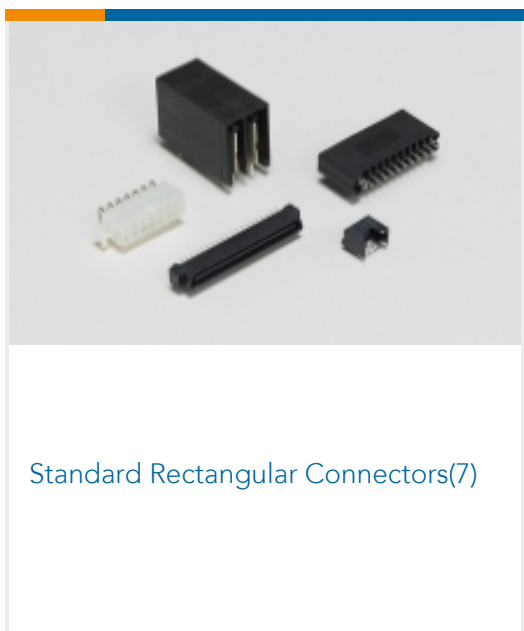
Rectangular Connector Housings(11)



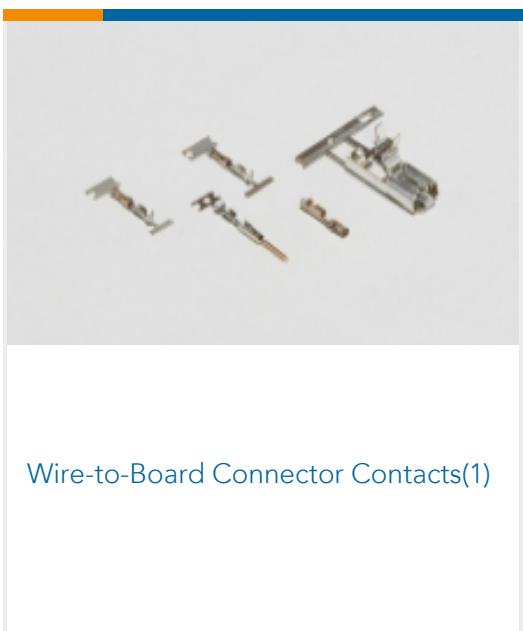
Rectangular Power Connectors(169)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #350430-1
04P UMNL PIN HDR ASSY NATL



TE Part #350432-1
09P UMNL PIN HDR ASSY NATL



TE Part #350434-1
15P UMNL PIN HDR ASSY NATL



TE Part #350428-1
02P UMNL PIN HDR ASSY NATL



Documents

Product Drawings

[CMNL PCB SOK PTPPHBZ](#)

English

CAD Files

Customer View Model

[ENG_CVM_350073-1_H1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_350073-1_H1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_350073-1_H1.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_350073-1_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350073-1_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350073-1_P.3d_stp.zip](#)

English



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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English