

61116-4 ✓ ACTIVE

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

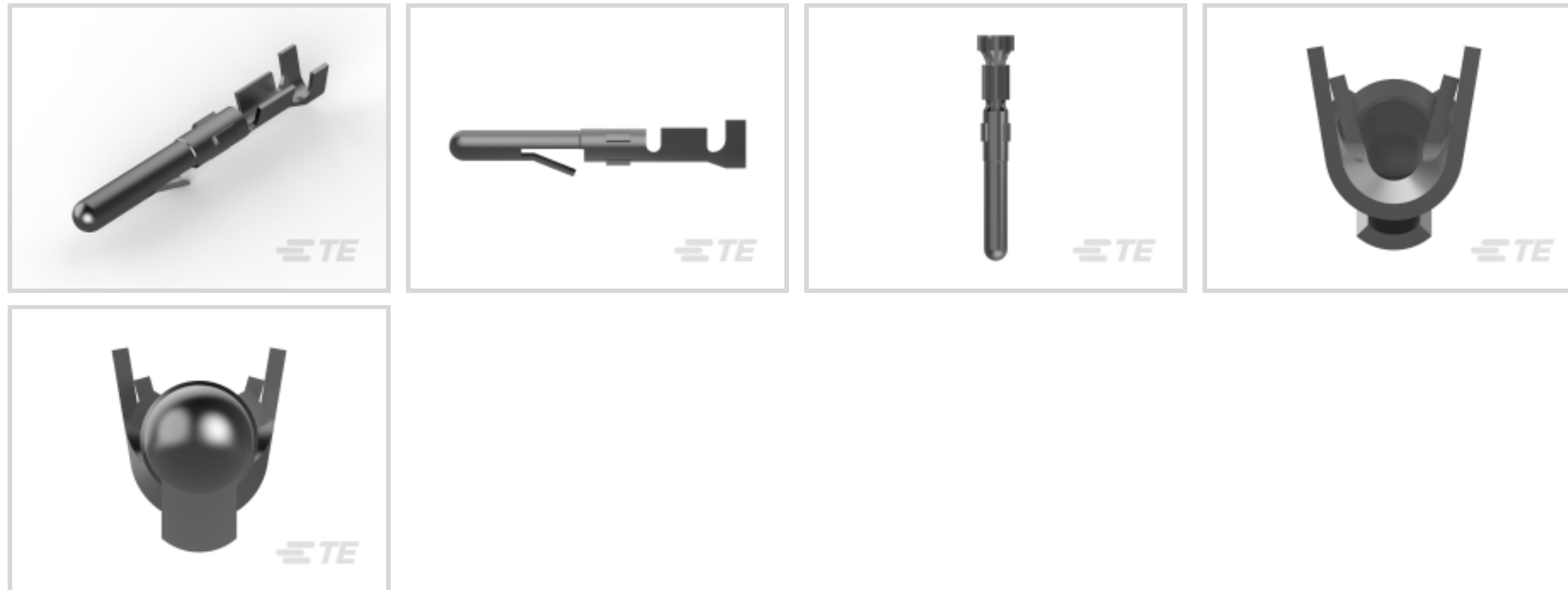
TE Internal #: 61116-4

Power Contacts, Contact, 250 VAC, Tin, 24 – 18 AWG Wire Size, .2 – .82 mm² Wire Size, Wire & Cable, Crimp, Power, Pin, 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: **Tin**

Wire Size: **.2 – .82 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 Shape & Form	Round
Barrel Type	Open
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	15 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	2.13 mm[.084 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Material	Tin



Wire Contact Termination Area Plating Material Finish	Matte
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Contact Orientation	Straight
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Wire Insulation Support	Without
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Dimensions

Wire Size	.2 – .82 mm ²
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Compatible Insulation Diameter Range	2.54 mm[.1 in]
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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	8000
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Packaging Method	Reel
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Product Compliance

[For compliance documentation, visit the product page on 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



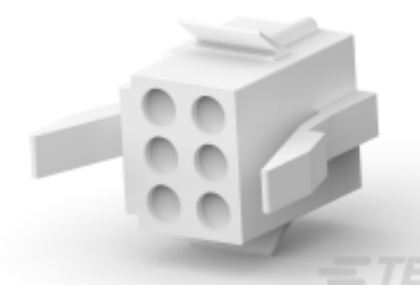
TE Part # 91512-1
CCII CMNL PIN SKT 24-18 ASSY



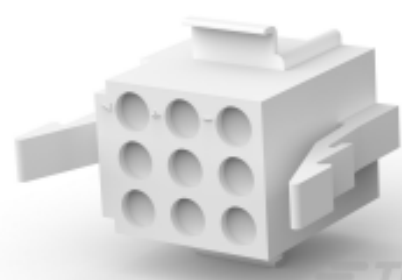
TE Part # 90574-1
ASSY PRO-CRIMPER COMM M-N-LOCK



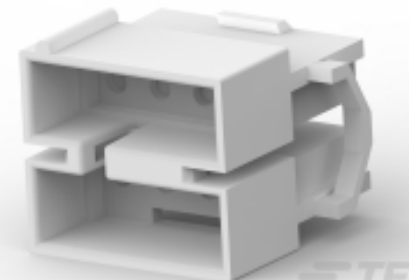
TE Part # 455830-1
INSERTION TOOL



TE Part # 1-171196-0
6 POS MATE-N-LOK S



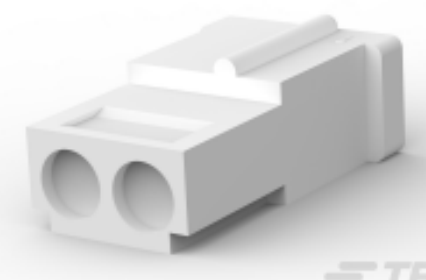
TE Part # 1-480274-0
09P CMNL PLUG HSG P/M NATL



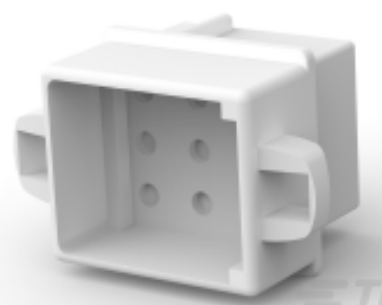
TE Part # 1-480284-0
08P CMNL CAP HSG M/M NATL



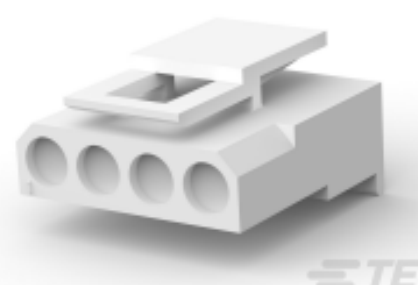
TE Part # 1-480438-0
16P CMNL PLUG HSG M/M NATL



TE Part # 1-480683-0
02P CMNL PLUG HSG F/H NATL



TE Part # 1-480277-0
09P CMNL CAP HSG P/M NATL



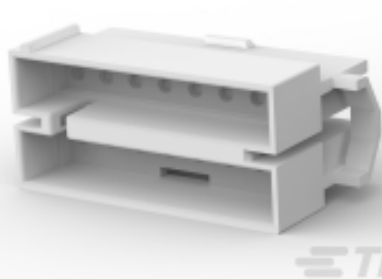
TE Part # 1-480722-0
04P CMNL PLUG HSG W/LCK NATL



TE Part # 1-480276-0
06P CMNL CAP HSG P/M NATL



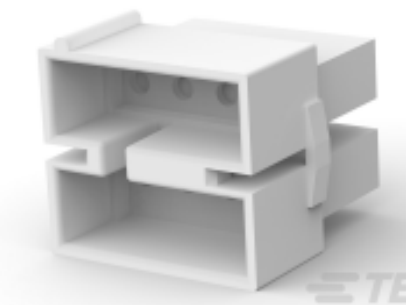
TE Part # 1-480285-0
10P CMNL PLUG HSG M/M NATL



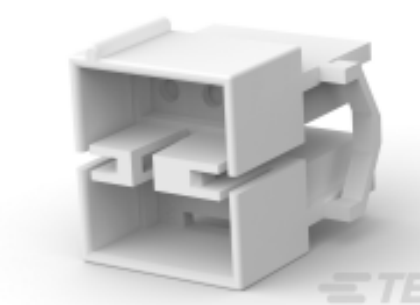
TE Part # 1-480439-0
16P CMNL CAP HSG M/M NATL



TE Part # 1-480393-1
02P CMNL PLUG HSG F/H BLK



TE Part # 1-480345-0
08P CMNL CAP HSG F/H NATL



TE Part # 1-480340-0
06P CMNL CAP HSG F/H NATL



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

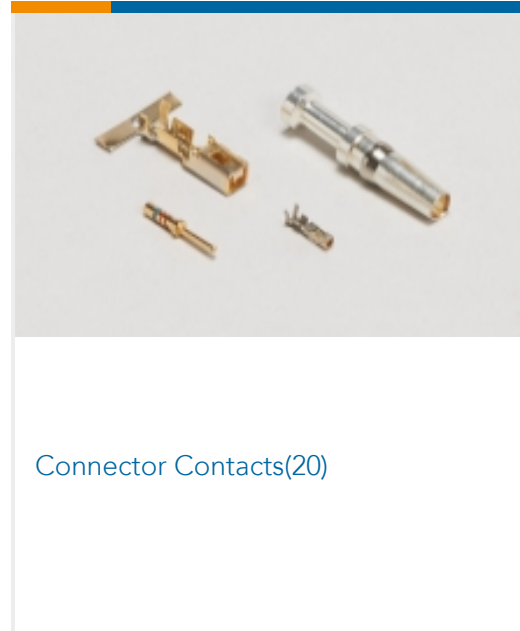


TE Part # 1-480721-0
03P CMNL PLUG HSG W/LOK NATL

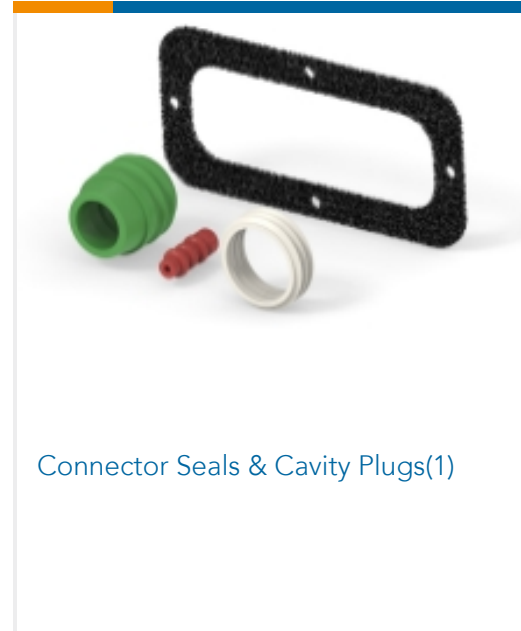
Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



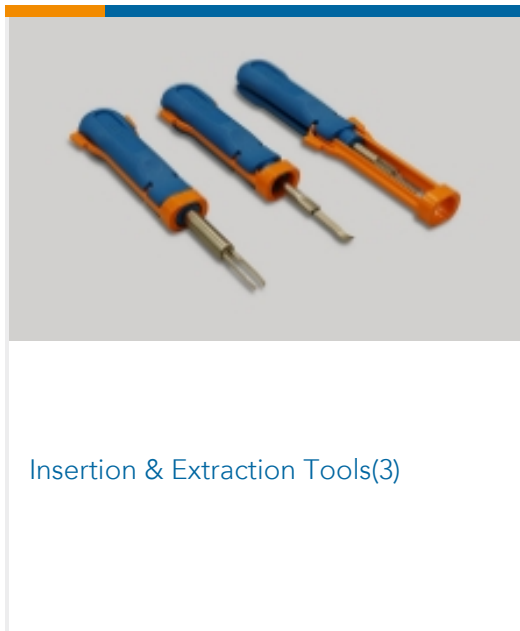
Connector Contacts(20)



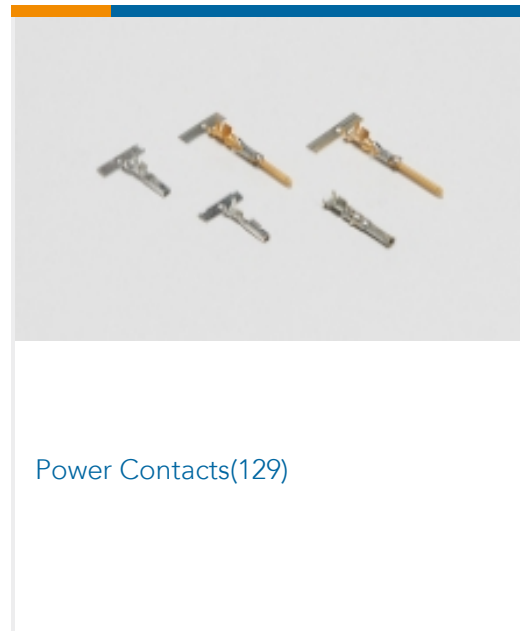
Connector Seals & Cavity Plugs(1)



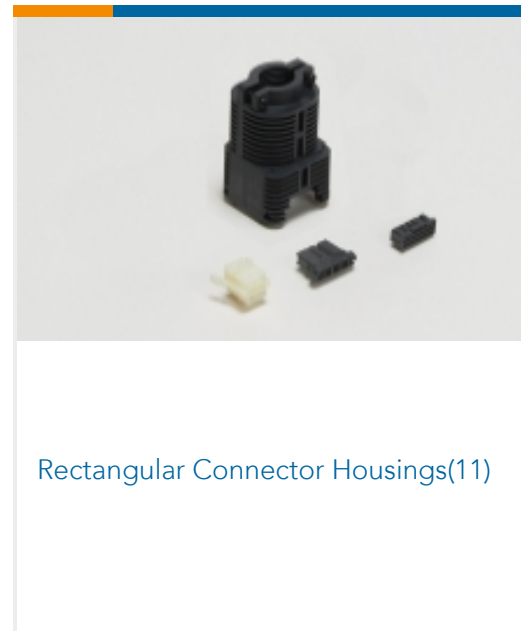
Crimp Wire Pins, Tabs & Ferrules(2)



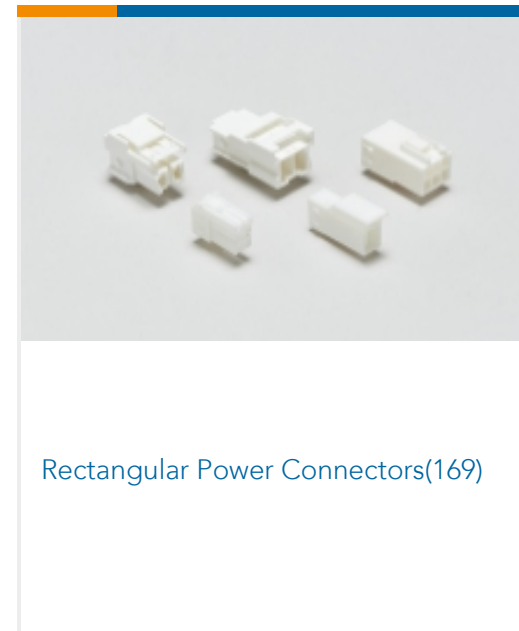
Insertion & Extraction Tools(3)



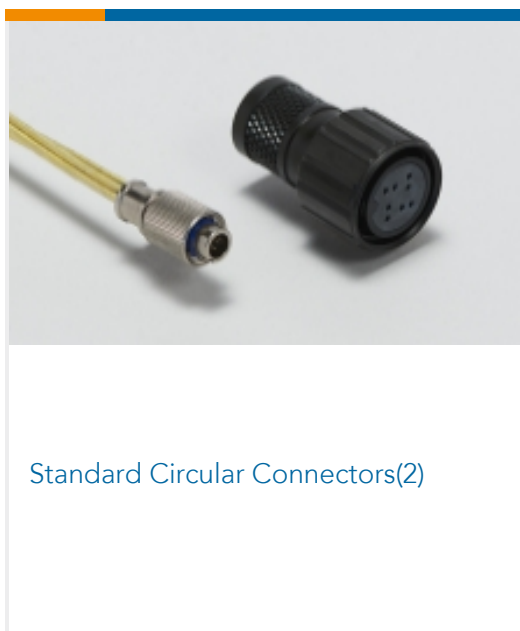
Power Contacts(129)



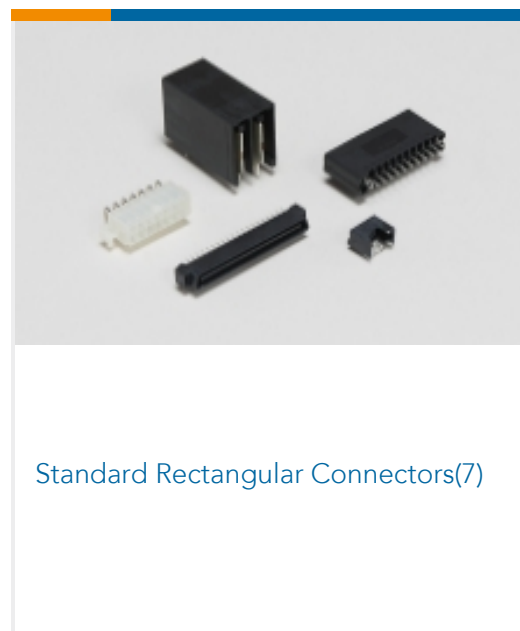
Rectangular Connector Housings(11)



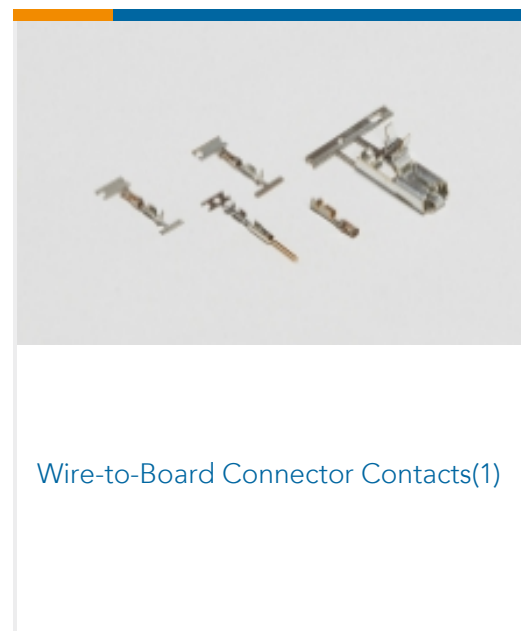
Rectangular Power Connectors(169)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Contacts(1)

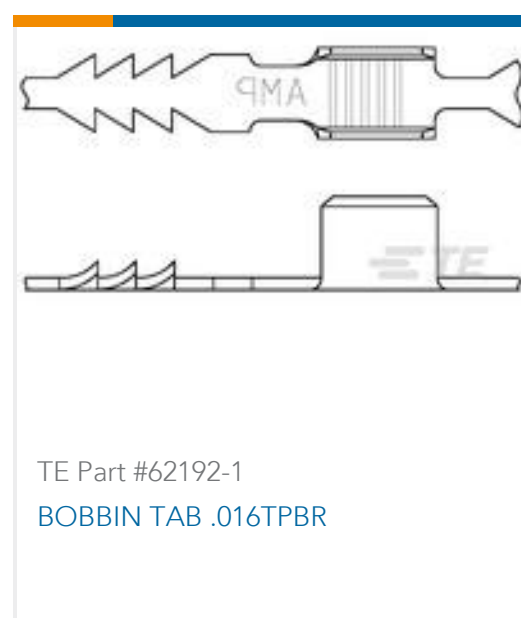
Customers Also Bought



TE Part #DT04-12PA-E004
REC, 12P, BLK, N, A



TE Part #207654-1
KEYING PLUG



TE Part #62192-1
BOBBIN TAB .016TPBR



TE Part #3-2176093-9
RP 2A 0.25W 23K7 0.1% 25PPM 1K RL



TE Part #5052902015
RNF-100-1/16-2-STK



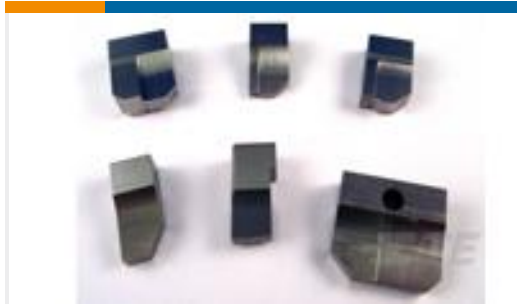
TE Part #5-456135-7
CRIMPER, INSULATION "O"(.062")



ANVIL REPRESENTATION ONLY
TE Part #2161935-1
ANVIL, RIGHT HAND



TE Part #3-456402-3
CRIMP, WIRE (055F X 135THK)



TE Part #904132-6
ANVIL, COMBINATION

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_61116-4_BL.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_61116-4_BL.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_61116-4_BL.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English