



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

TE Internal #: 2029185-1

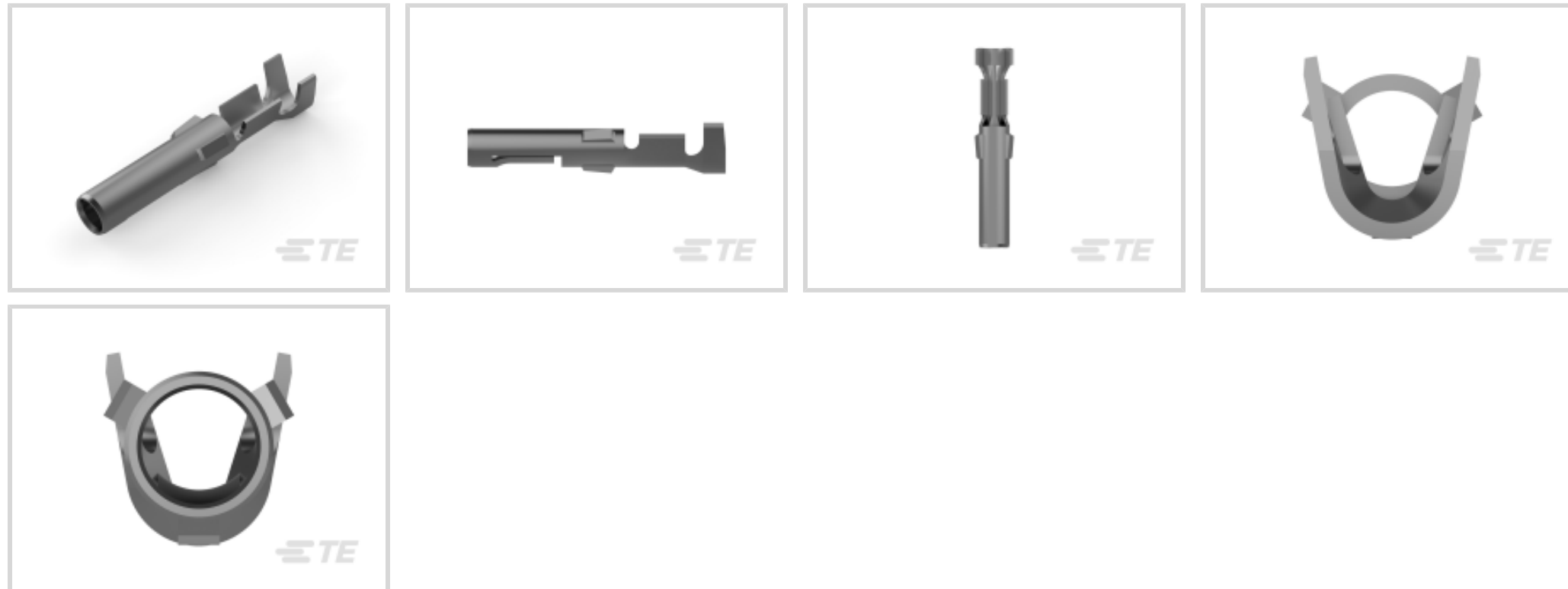
Power Contacts, Contact, Tin, 24 – 18 AWG Wire Size, .2 – .82 mm²

Wire Size, Wire & Cable, Crimp, Power, Socket, Brass, Pre-Tin,

Commercial MATE-N-LOK

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.2 – .82 mm²**

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Contact Features

Barrel Type	Open
Contact Mating Area Plating Material	Tin
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.11 mm[.083 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	.4 – 3.5 μm[15.75 – 137.8 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight

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	.2 – .82 mm ²
Compatible Insulation Diameter Range	2.54 mm[.1 in]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	7000
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: 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

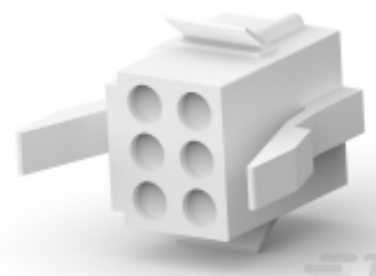
Product Compliance Disclaimer

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>

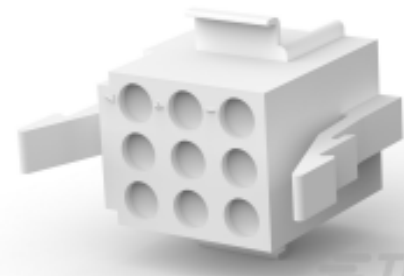
Compatible Parts



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



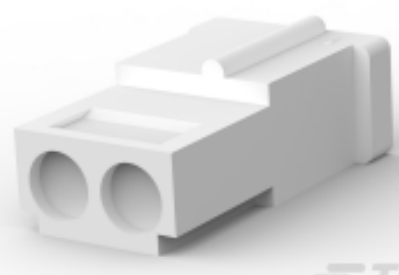
TE Part # 1-171196-0
6 POS MATE-N-LOK S



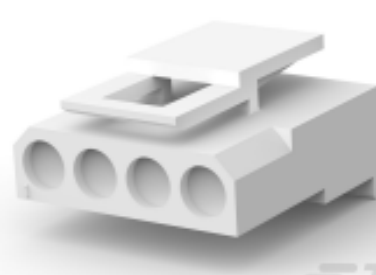
TE Part # 1-480274-0
09P CMNL PLUG HSG P/M NATL



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



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



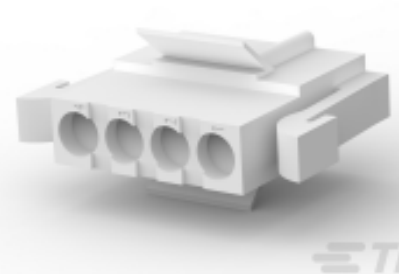
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04P CMNL PLUG HSG W/LCK NATL



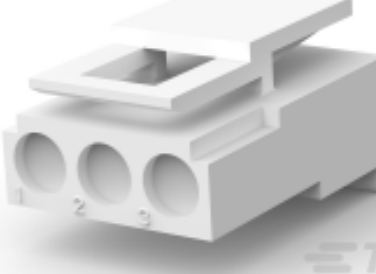
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10P CMNL PLUG HSG M/M NATL



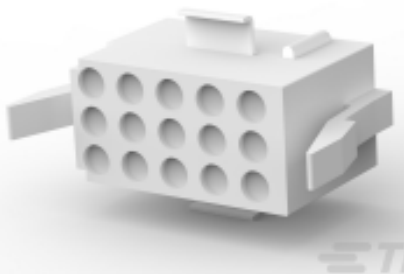
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02P CMNL PLUG HSG F/H BLK



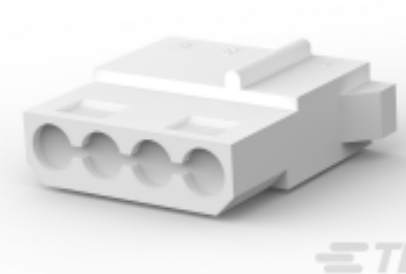
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TE Part # 1-480721-0
03P CMNL PLUG HSG W/LOK NATL



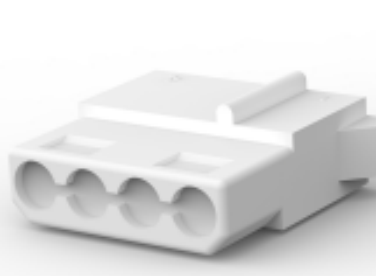
TE Part # 1-480323-0
15P CMNL PLUG HSG P/M NATL



TE Part # 770827-1
04P CMNL PLUG HSG 94-VO



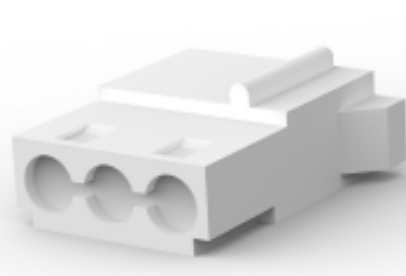
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06P CMNL PLUG HSG M/M NATL



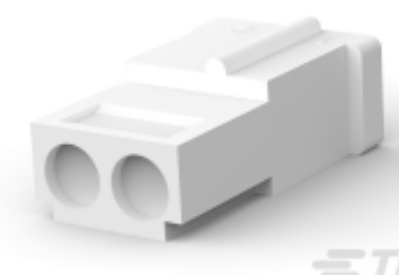
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TE Part # 1-480720-0
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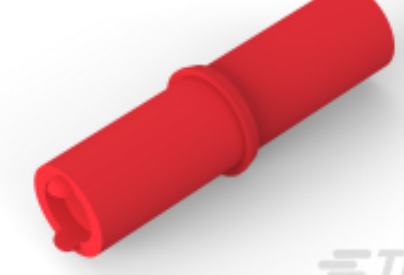
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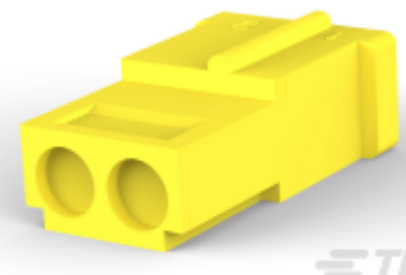
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02P CMNL PLUG HSG F/H NATL



TE Part # 1-480318-9
02P CMNL PLUG HSG F/H BLK

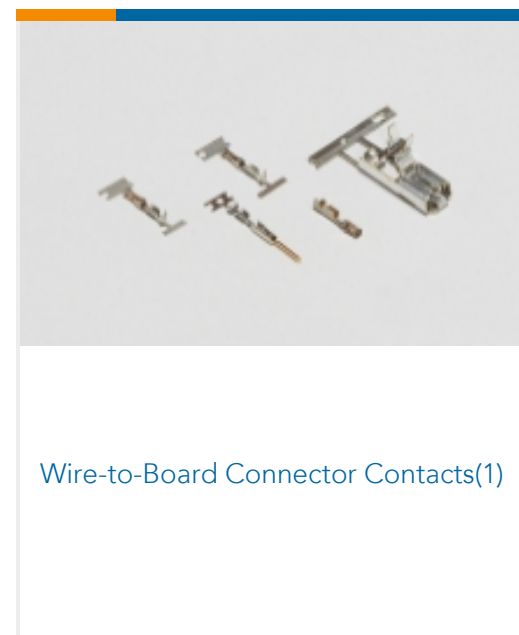
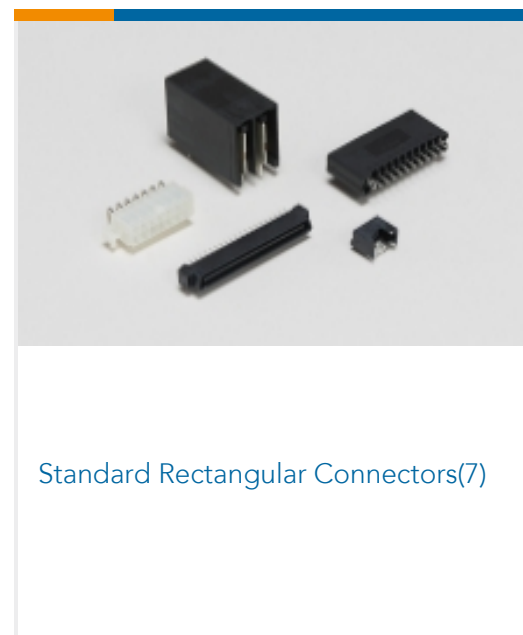
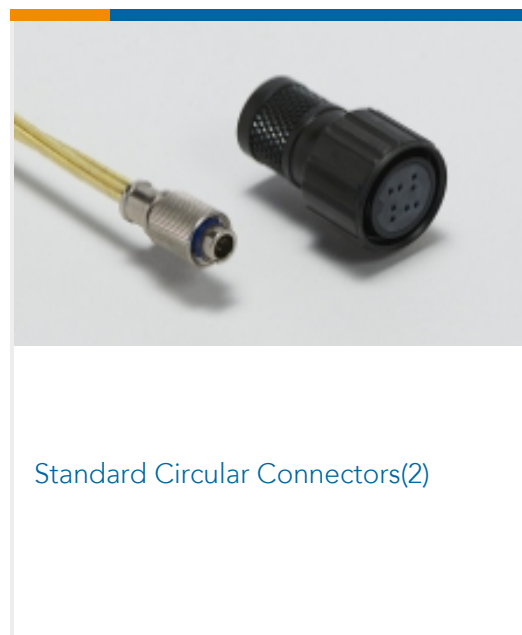
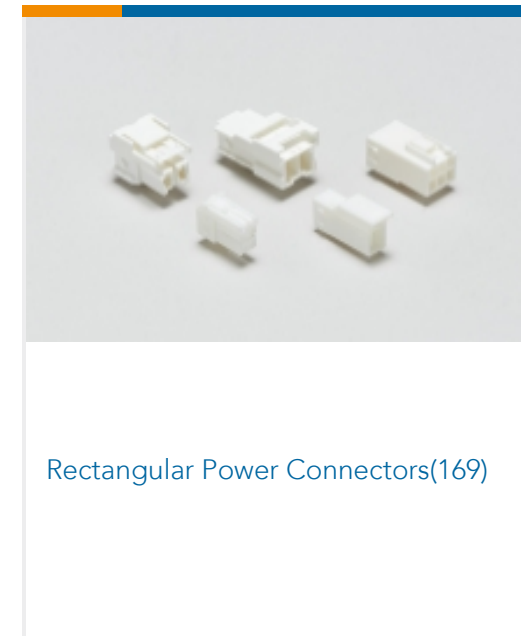
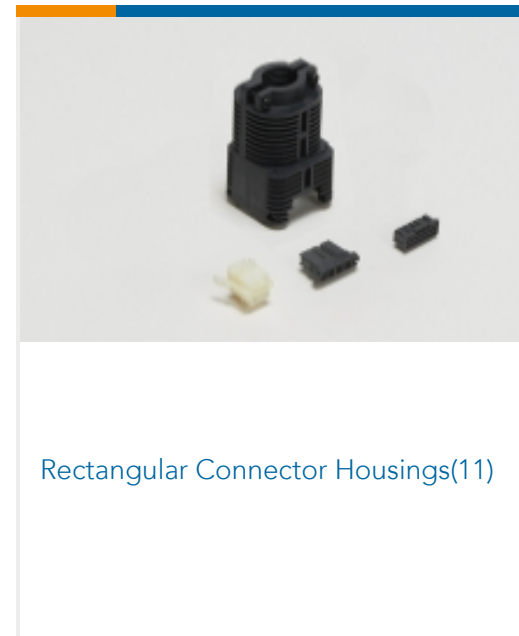
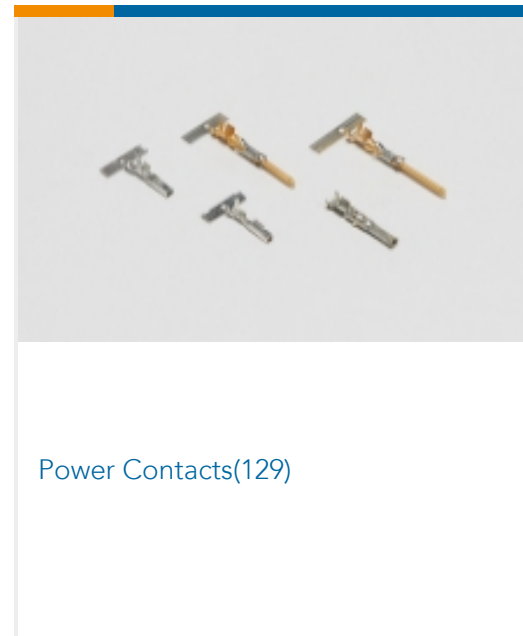
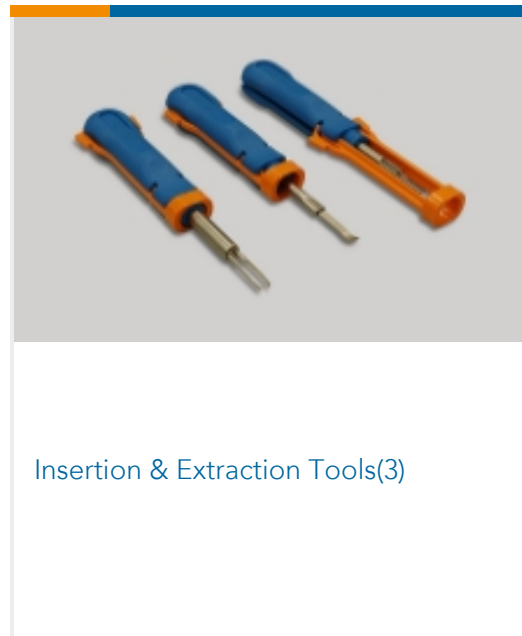
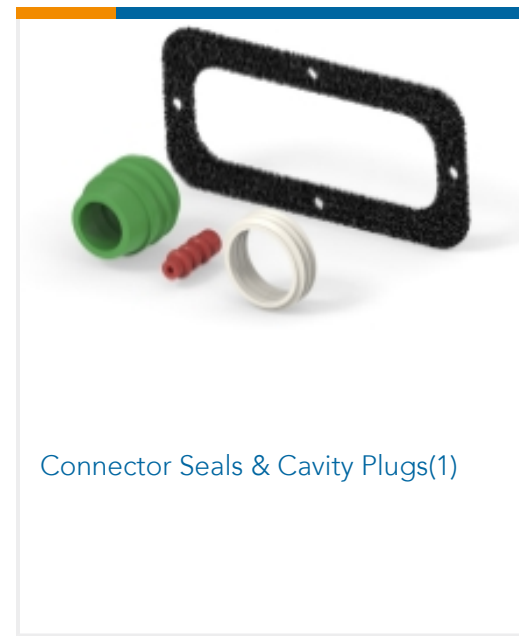
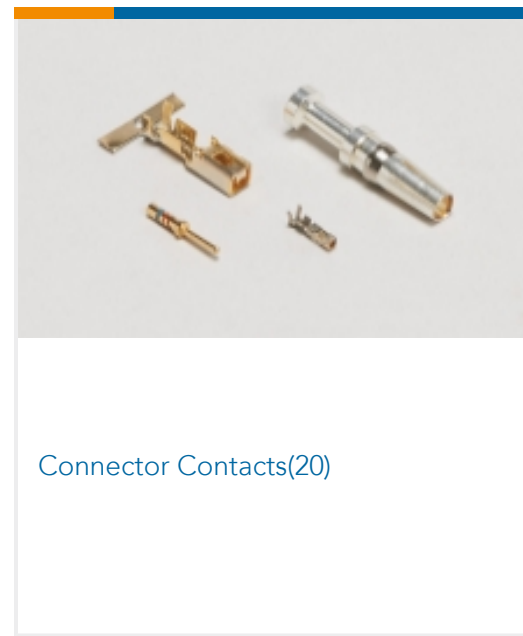
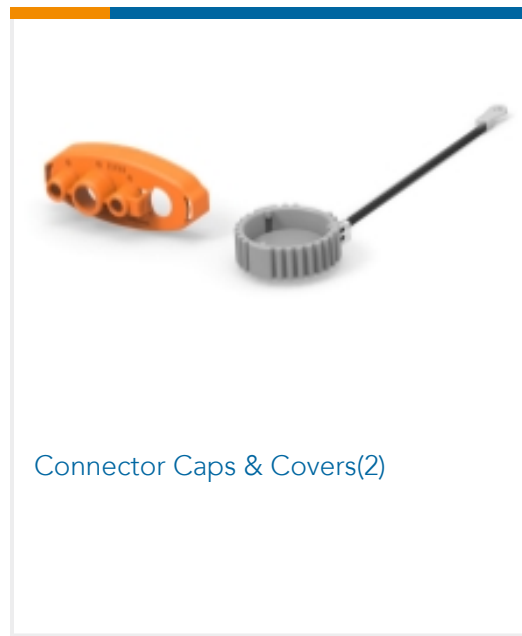


TE Part # 1-480349-2
01P CMNL PLUG HSG F/H RED

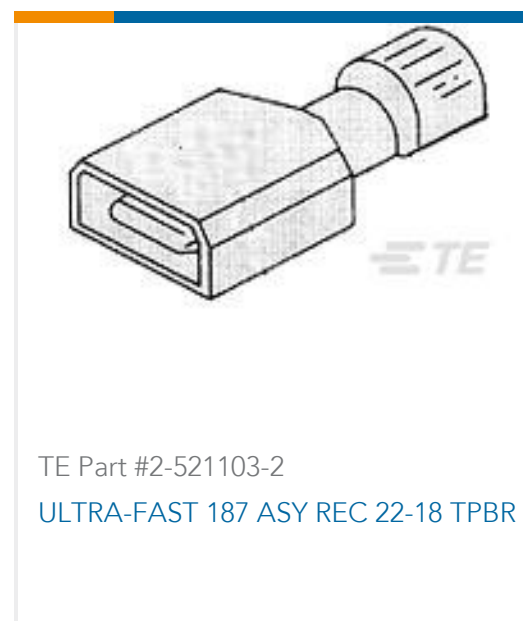


TE Part # 1-480318-4
02P CMNL PLUG HSG F/H YELL

Also in the Series | [Commercial MATE-N-LOK](#)



Customers Also Bought





Documents

Product Drawings

[CMNL SKT W/INDENTED SIDES](#)

English

CAD Files

Customer View Model

[ENG_CVM_2029185-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2029185-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_2029185-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Product Specifications

[Application Specification](#)

English