

350558-1 ✓ ACTIVE

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

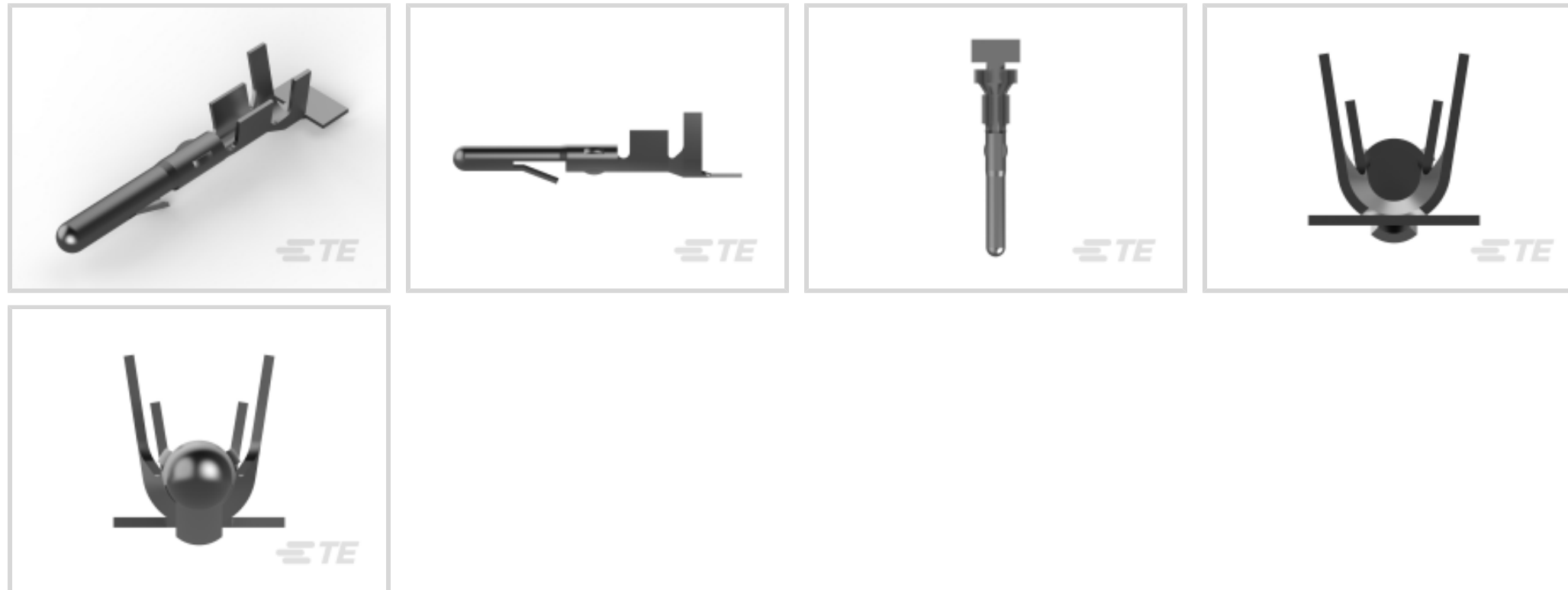
TE Internal #: 350558-1

Power Contacts, Contact, 250 VAC, 250 VDC, Tin, 16 AWG / 18 AWG Wire Size, 1.25 – 1.4 mm<sup>2</sup> / .8 – .9 mm<sup>2</sup> Wire Size, Wire & Cable, Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **16 AWG, 18 AWG**

## 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 VDC
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### Contact Features

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	Brass
Wire Contact Termination Area Plating Thickness	.5 – .81 μm [20 – 32 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte



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	.8 – .9 mm <sup>2</sup> , 1.25 – 1.4 mm <sup>2</sup>
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Compatible Insulation Diameter Range	2.92 mm [.115 in]
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### Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	3000
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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>

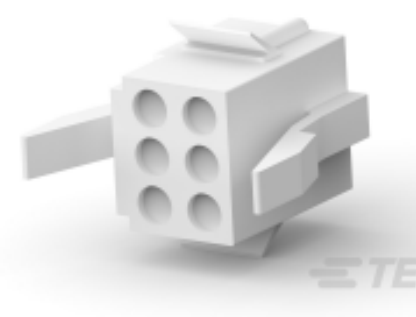
## Compatible Parts



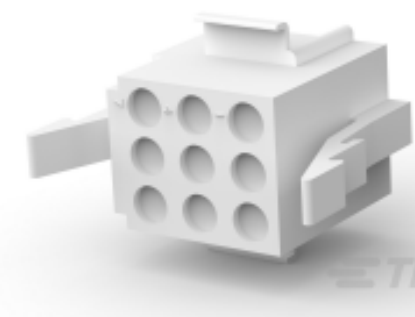
TE Part # 91504-1  
CCII CMNL MNL PIN SKT 20-14 ASSY



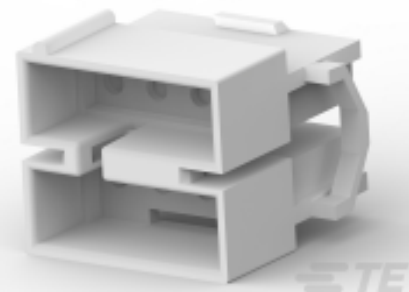
TE Part # 455830-1  
INSERTION TOOL



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



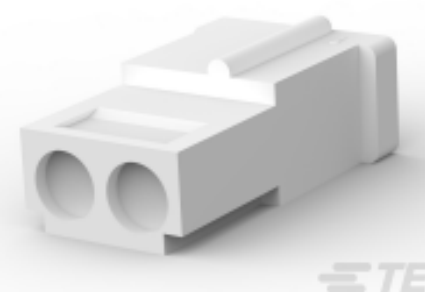
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09P CMNL PLUG HSG P/M NATL



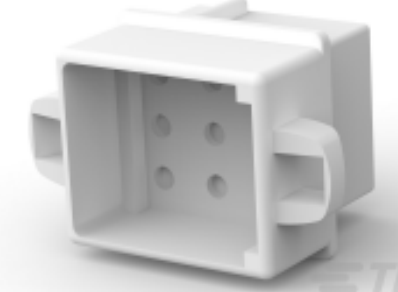
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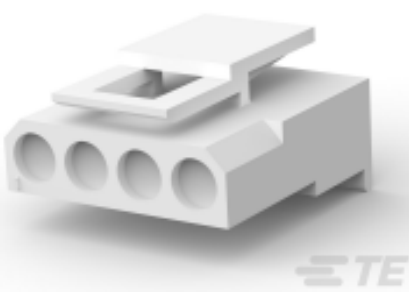
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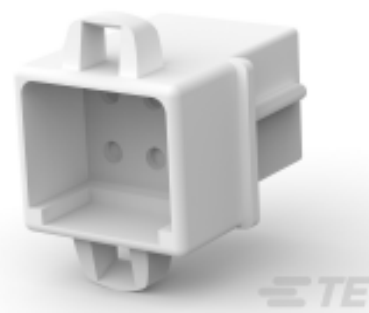
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02P CMNL PLUG HSG F/H NATL



TE Part # 1-480277-0  
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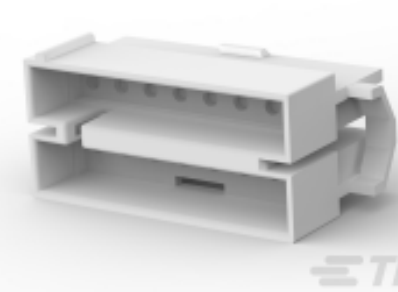
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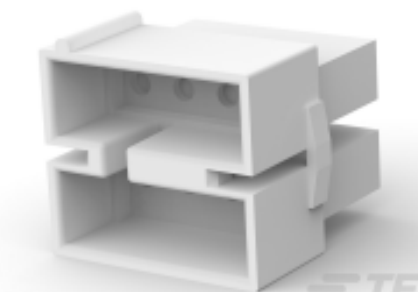
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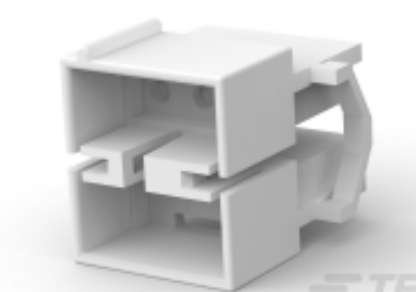
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TE Part # 1-480393-1  
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TE Part # 1-480345-0  
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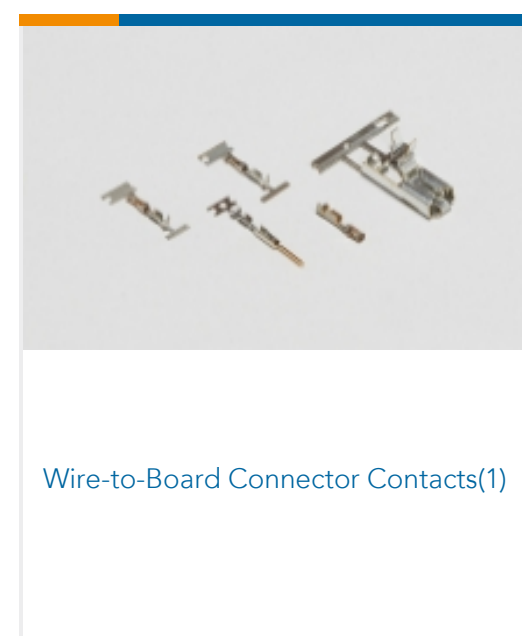
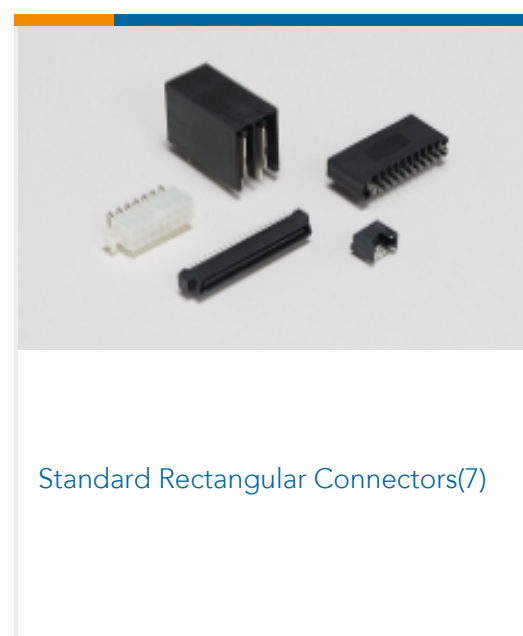
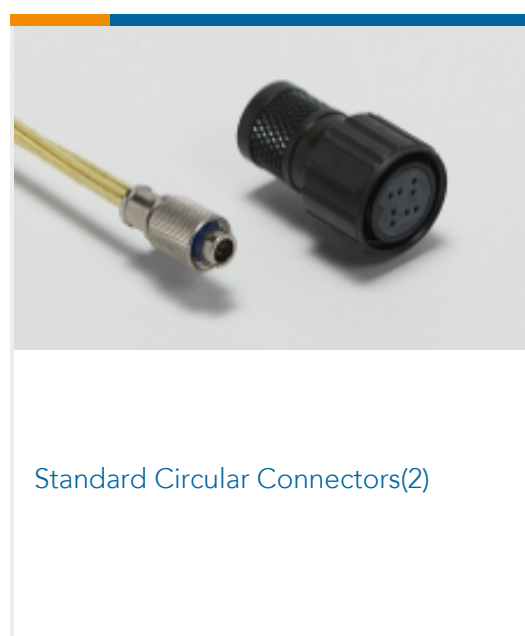
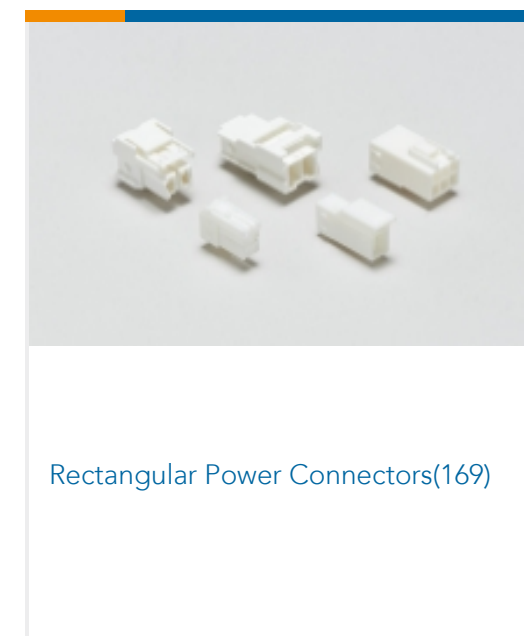
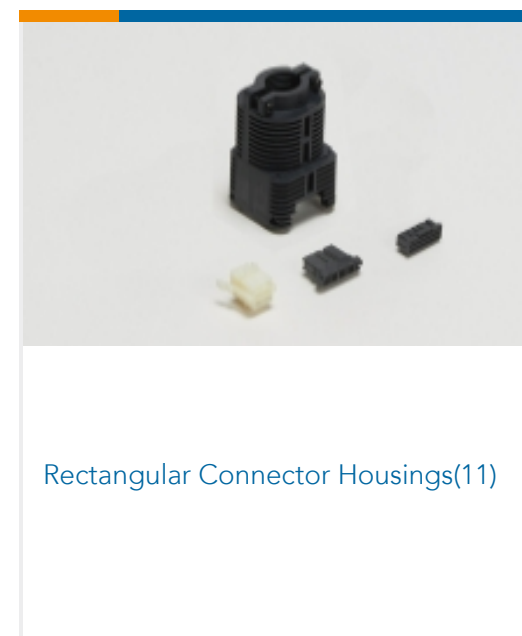
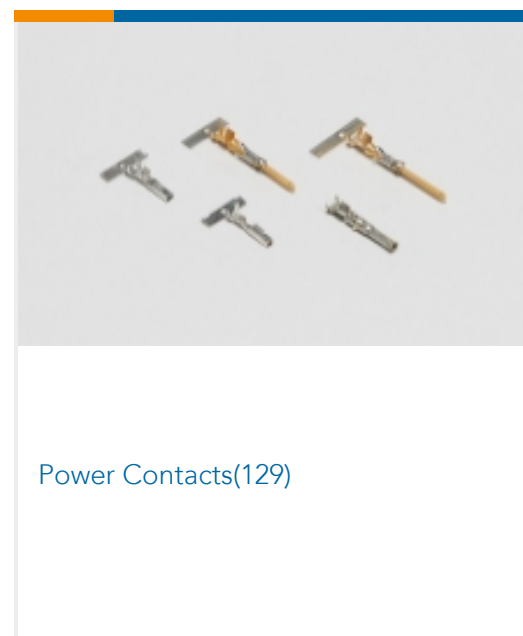
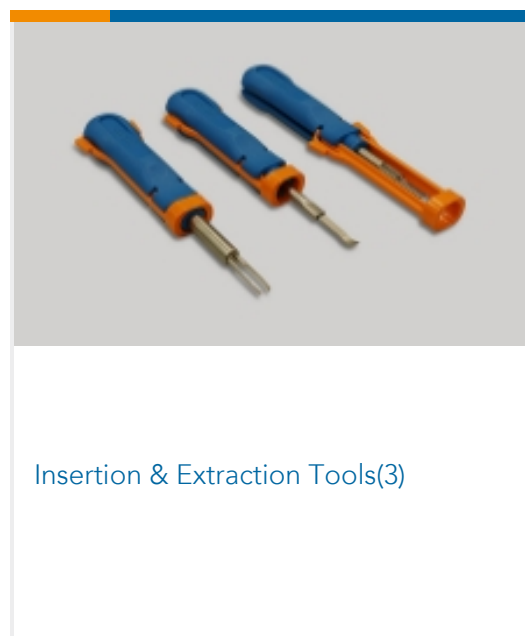
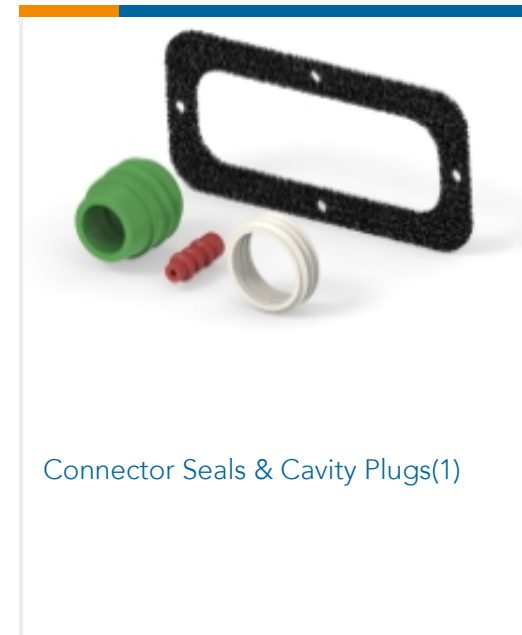
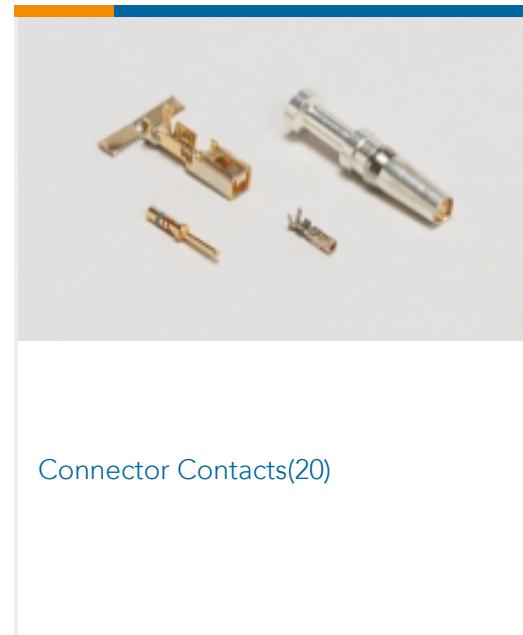
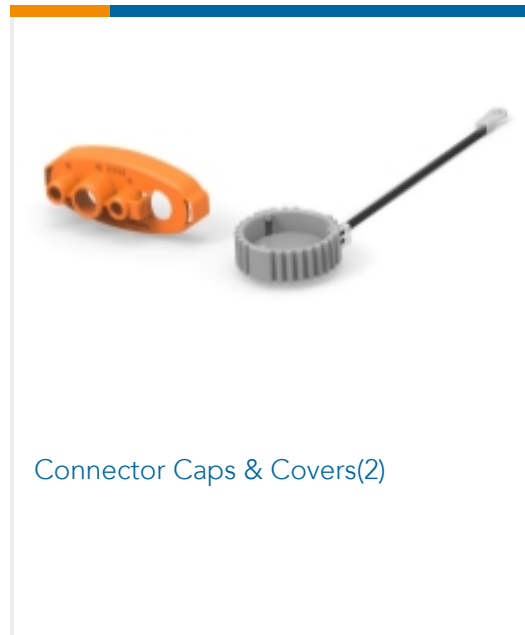
TE Part # 1-480340-0  
06P CMNL CAP HSG F/H NATL



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



## Also in the Series | Commercial MATE-N-LOK



## Customers Also Bought

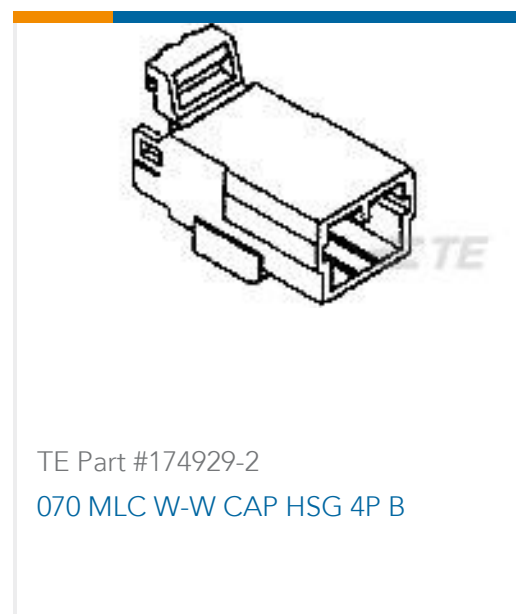




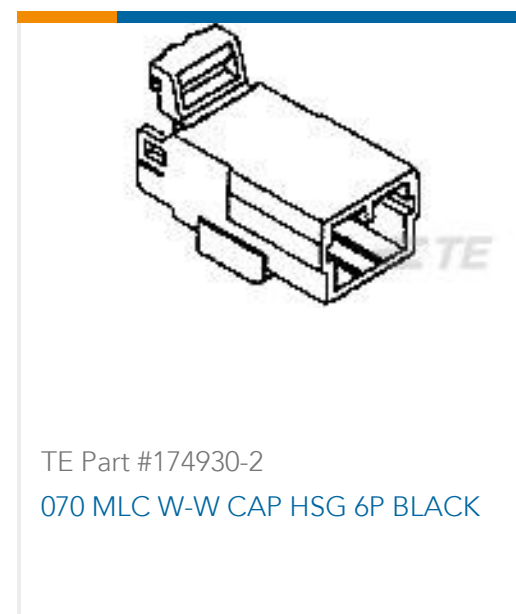
TE Part #350557-1  
MNL SOK SPECIAL .0126PTPBR



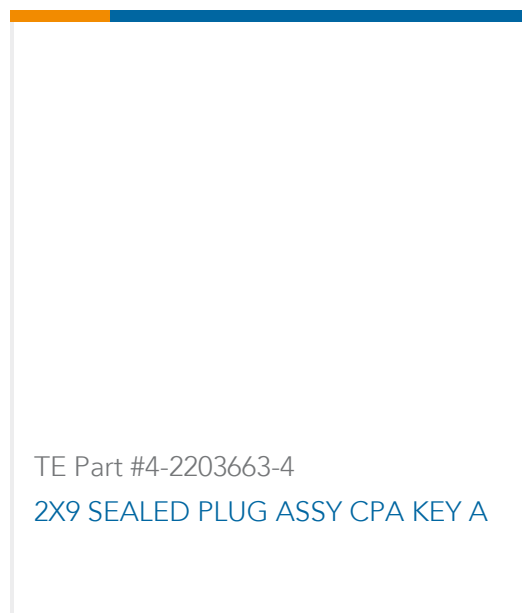
TE Part #2205069-2  
CA MICRO-MATCH MOW-PB 6POS



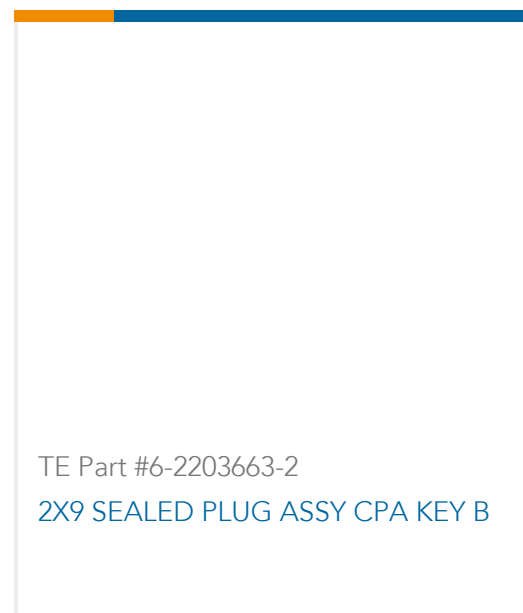
TE Part #174929-2  
070 MLC W-W CAP HSG 4P B



TE Part #174930-2  
070 MLC W-W CAP HSG 6P BLACK



TE Part #4-2203663-4  
2X9 SEALED PLUG ASSY CPA KEY A



TE Part #6-2203663-2  
2X9 SEALED PLUG ASSY CPA KEY B

## Documents

### Product Drawings

[MNL PIN SPECIAL .0126 PTPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_350558-1\\_U.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350558-1\\_U.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350558-1\\_U.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

[Product Compliance](#)



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