

61366-1 ✓ ACTIVE

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

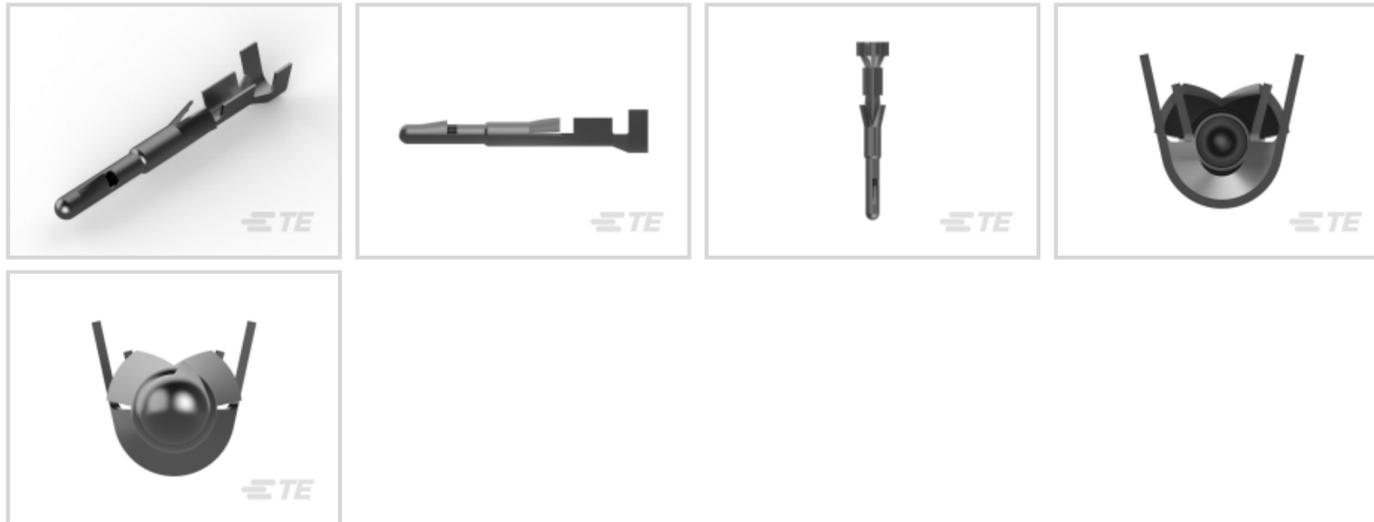
TE Internal #: 61366-1

Power Contacts, Contact, Tin, 22 – 18 AWG Wire Size, .33 – .82 mm<sup>2</sup> Wire Size, Wire-to-Wire, Wire & Cable, Crimp, Power, Pin, Commercial MATE-N-LOK

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Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.33 – .82 mm<sup>2</sup>**

Connector System: **Wire-to-Wire**

## Features

### Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Contact Features

Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.52 mm[.06 in]
Contact Base Material	Brass
	3.302 μin
Wire Contact Termination Area Plating Thickness	3.3 μm[130 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Orientation	Straight

### 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)
Wire Insulation Support	Without

### Dimensions

Wire Size	.33 – .82 mm <sup>2</sup>
Accepts Wire Insulation Diameter Range	1.52 – 2.79 mm [.06 – .109 in]

### Operation/Application

Circuit Application	Power
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### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	7500

### Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Commercial MATE-N-LOK housings

### Product Compliance

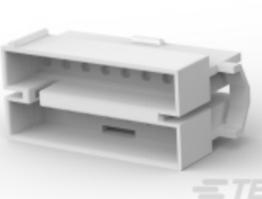
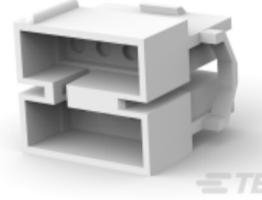
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2022 (224) 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	Pin-in-Paste capable to 260°C

## Product Compliance Disclaimer

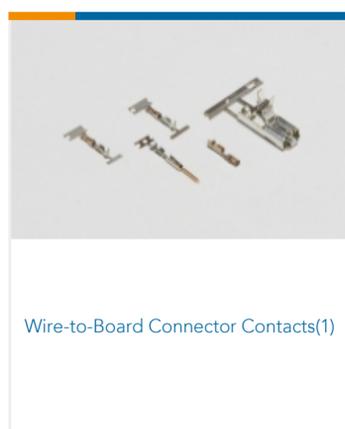
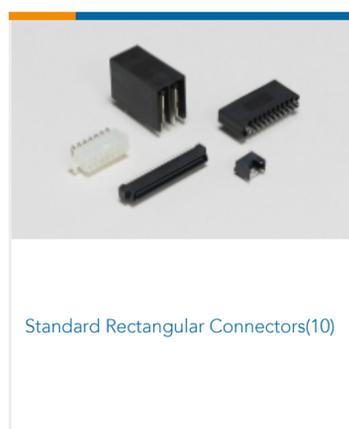
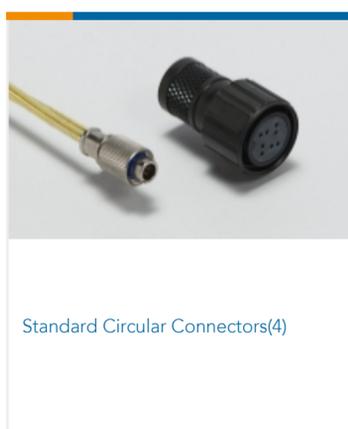
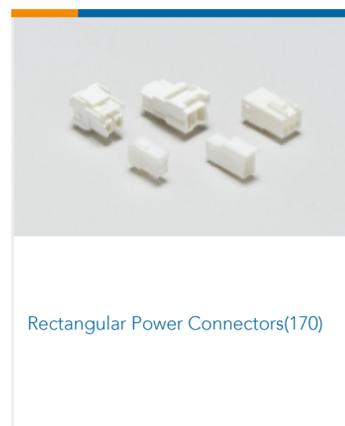
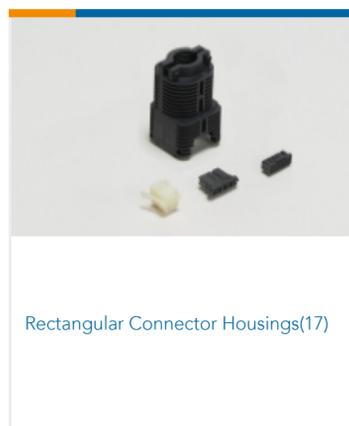
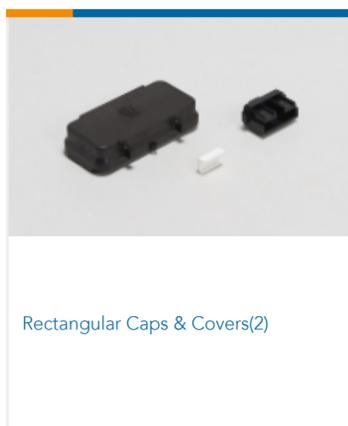
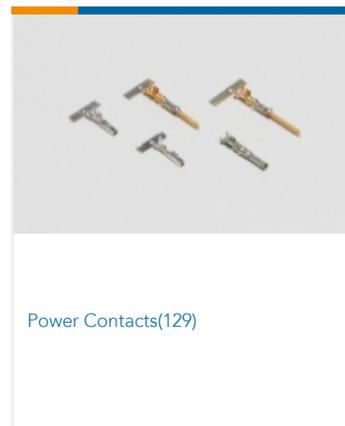
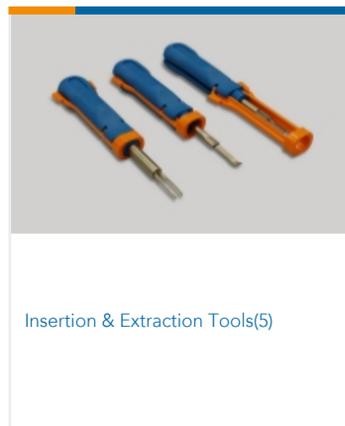
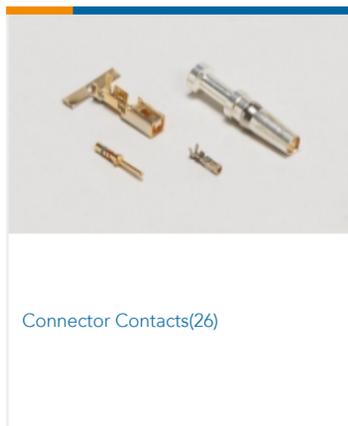
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-480284-0 08P CMNL CAP HSG M/M NATL</p>	 <p>TE Part # 1-480277-0 09P CMNL CAP HSG P/M NATL</p>	 <p>TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL</p>	 <p>TE Part # 1-480439-0 16P CMNL CAP HSG M/M NATL</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 # 1-480324-0 15P CMNL CAP HSG P/M NATL</p>
 <p>TE Part # 170924-1 MNL 2 POS NATURAL PIN HSG</p>	 <p>TE Part # 1-480426-0 04P CMNL CAP HSG F/H NATL</p>	 <p>TE Part # 1-480305-0 03P CMNL CAP HSG F/H NATL</p>	 <p>TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK</p>
 <p>TE Part # 1-480319-9 02P CMNL CAP HSG F/H BLK</p>	 <p>TE Part # 1-480319-0 02P CMNL CAP HSG NATL</p>	 <p>TE Part # 794048-1 08P CMNL CAP HSG D/L</p>	 <p>TE Part # 1-480350-0 01P CMNL CAP HSG F/H NATL</p>



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



## Documents

### Product Drawings

AUTO MNL PIN PTPBR

English

### CAD Files

3D PDF

3D

Customer View Model



[ENG\\_CVM\\_CVM\\_61366-1\\_AE.2d\\_dxf.zip](#)

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### Product Environmental Compliance

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