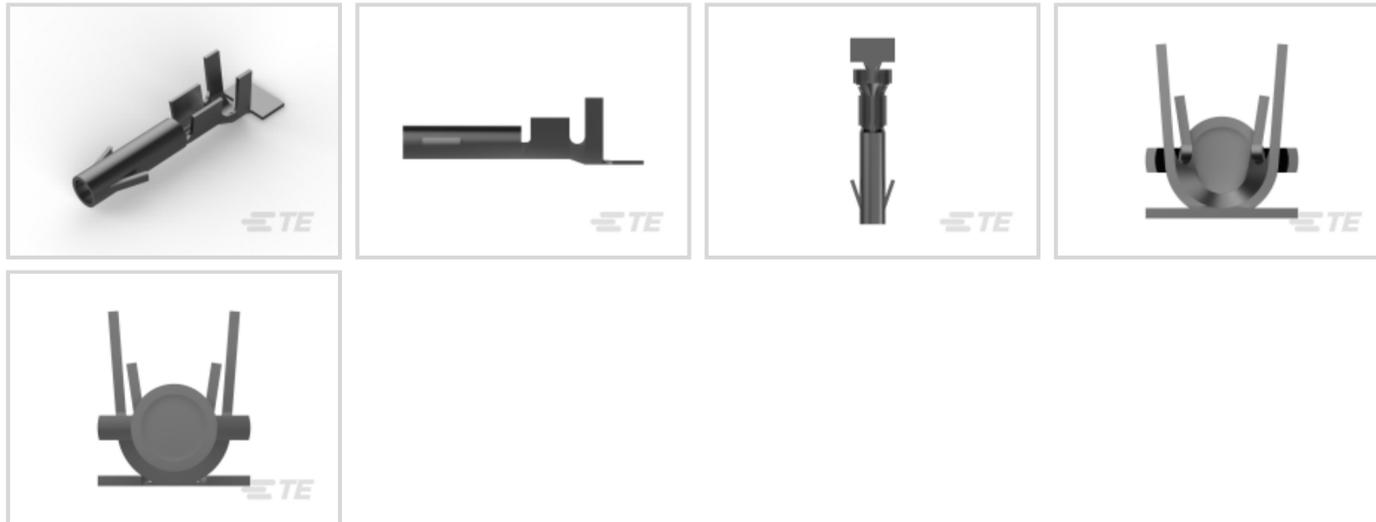




Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

## Features

### Product Type Features

Discrete Wire Type	Stranded
Glow Wire Rating	Standard Part - Not Glow Wire
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass



Contact Current Rating (Max)	19 A
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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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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Dimensions

Accepts Wire Insulation Diameter Range	2.92 mm [.115 in]
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Wire Size	.75 – 1.5 mm <sup>2</sup>
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### Usage Conditions

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

For Use With	Universal MATE-N-LOK II(Pin)
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Circuit Application	Power
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### Industry Standards

CSA Rating	Certified
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Agency/Standard	CSA, UL
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CSA File Number	LR 7189
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UL File Number	E28476
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VDE Tested	Yes
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UL Rating	Recognized
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### Packaging Features

Packaging Method	Reel
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Packaging Quantity	2500
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### Other

Comment	Accepts (2) #18 or (1) #18 and (1) #16 AWG with Maximum Stacked .115 Diameter.
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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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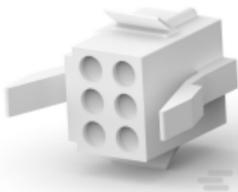
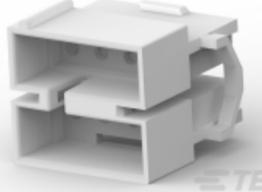
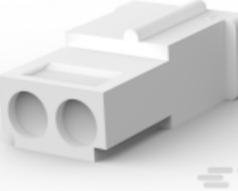
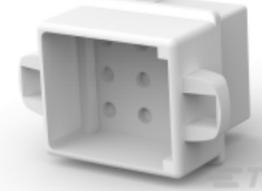


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

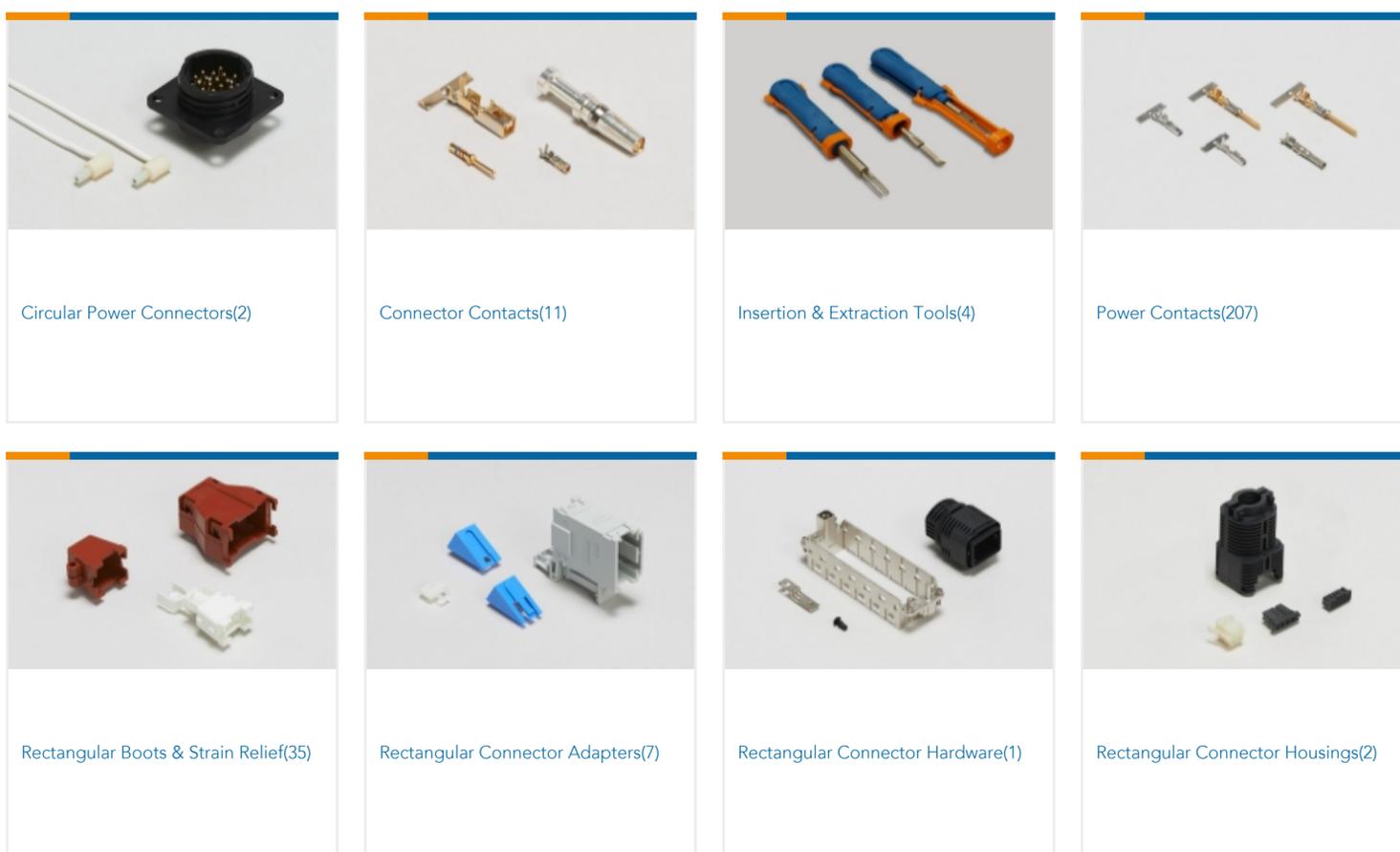
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-480304-0 03P CMNL PLUG HSG P/M NATL</p>	 <p>TE Part # 1-480722-0 04P CMNL PLUG HSG W/LCK NATL</p>



Also in the Series | **Universal MATE-N-LOK**

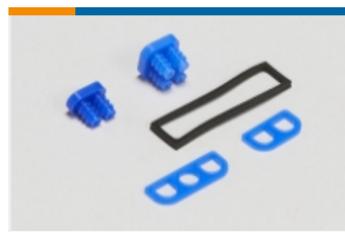




Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(728)

## Documents

### Product Drawings

[UMNL SOK DBL WIRE .0126PTPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_350512-1\\_T.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350512-1\\_T.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350512-1\\_T.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_350512-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_350512-1\\_E.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_350512-1\\_E.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

[MATE-N-LOK Dual Lance Pin And Socket Contacts](#)

English

