



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VAC**

Contact Mating Area Plating Material: **Pre-Tin**

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

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

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	15 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.13 mm[.084 in]
Contact Base Material	Phosphor Bronze
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	Board Mount

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	No

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Other

For Use With	MATE-N-LOK housings
Comment	For .062 max. board thickness - Board hole size .057 +/- .003.

Product Compliance

For compliance documentation, visit the product page on TE.com>

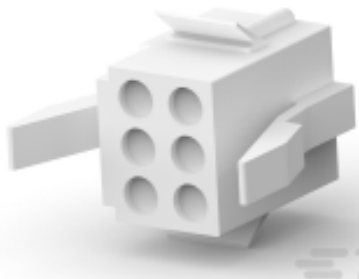
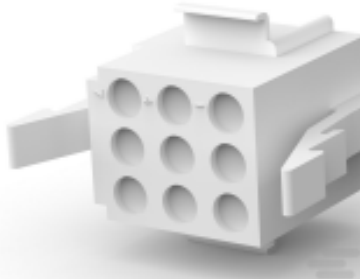
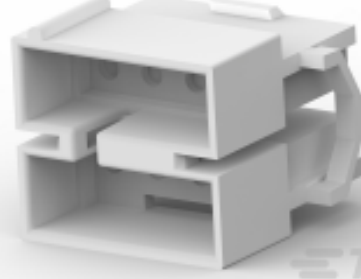
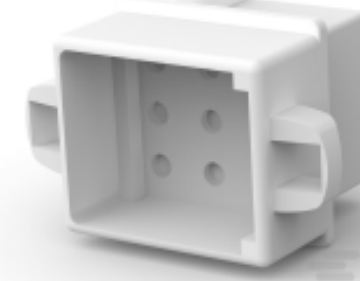
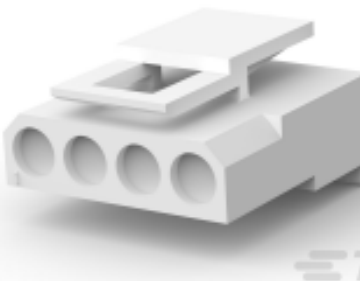
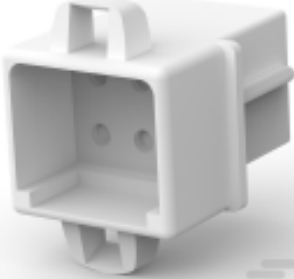
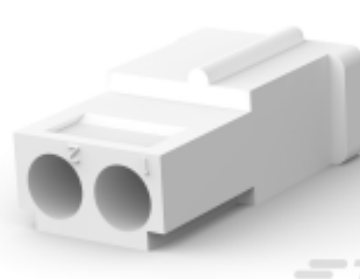
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not 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 # 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 # 1-480304-0 03P CMNL PLUG 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

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

TE Part # 170924-1
MNL 2 POS NATURAL PIN HSG

Also in the Series | Commercial MATE-N-LOK

Connector Contacts(26)

Crimp Wire Pins, Tabs & Ferrules(3)

Insertion & Extraction Tools(5)

Power Contacts(129)

Rectangular Caps & Covers(2)

Rectangular Connector Housings(17)

Rectangular Connector Seals(1)

Rectangular Power Connectors(171)

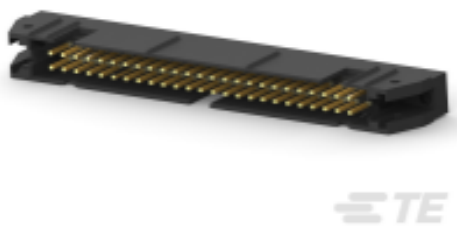
Standard Circular Connectors(4)

Standard Rectangular Connectors(10)

Wire-to-Board Connector Contacts(1)

Customers Also Bought





TE Part #1-5499913-0
AMP-LATCH UNIVERSAL HEADERS



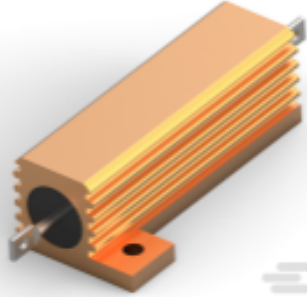
TE Part #1-640456-4
Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment



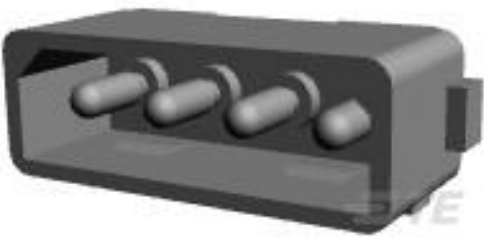
TE Part #9-1393792-7
Signal Relays: PCB mount, 3 amp



TE Part #1-5645501-2
Mini Spring Sockets: Bullet Nose, 6.5A



TE Part #1676965-3
Power Resistors: Aluminum Housed, HSA



TE Part #1586515-2
04P CMNL HDR ASSY PC UL94 LF



TE Part #1544394-1
CONTACT A SOUDER

Documents

Product Drawings
CMNL PCB SOK PTPHBZ

English

CAD Files

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_61320-1_U1.3d_igs.zip

English

Customer View Model

ENG_CVM_61320-1_U1.3d_stp.zip

English

Customer View Model

ENG_CVM_61320-1_U1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61320-1_AP.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61320-1_AP.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61320-1_AP.3d_stp.zip

English



By downloading the CAD file I accept and agree to the Terms and Conditions of use.	
Datasheets & Catalog Pages SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY English	
Product Specifications Product Specification English	
Product Environmental Compliance TE Material Declaration English	