



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Unplated**
Wire Contact Termination Area Plating Material: **Unplated**
Operating Voltage: **250 VAC**
Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Round
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Unplated
Wire Contact Termination Area Plating Material	Unplated
Contact Retention Within Housing	With
Contact Base Material	Brass



Contact Current Rating (Max)	15 A
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	3.3 mm[.13 in]
Wire Size	.52 – 2.08 mm ²

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

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

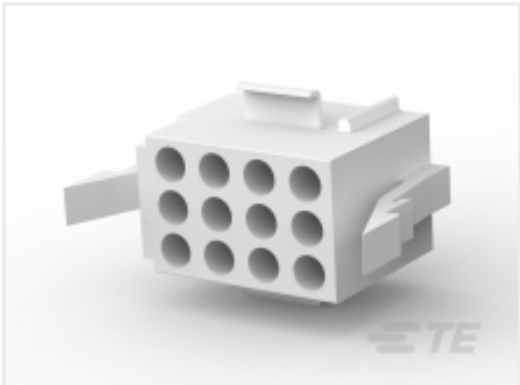
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not 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 # 1-480275-0 12P CMNL PLUG HSG P/M NATL	 TE Part # 1-480324-0 15P CMNL CAP HSG P/M NATL	 TE Part # 1-480339-0 10P CMNL CAP HSG F/H NATL	 TE Part # 1-480319-0 02P CMNL CAP HSG NATL
 TE Part # 1-480350-6 01P CMNL CAP HSG F/H BLU	 TE Part # 1-480304-0 03P CMNL PLUG HSG P/M NATL	 TE Part # 1-480426-9 04P CMNL CAP HSG F/H BLK	 TE Part # 1-480349-2 01P CMNL PLUG HSG F/H RED
 TE Part # 170924-1 MNL 2 POS NATURAL PIN HSG	 TE Part # 1-171197-0 9 POS MATE-N-LOK S	 TE Part # 91504-1 CCII CMNL MNL PIN SKT 20-14 ASSY	 TE Part # 90575-1 SDE UMNL 20-14 AWG ASSY
 TE Part # 5-2151500-1 OCEAN_2.0_APPLICATOR-S-090F130F-RSM	 TE Part # 1-480424-0 04P CMNL PLUG HSG F/H NATL	 TE Part # 1-480424-9 04P CMNL PLUG HSG F/H BLK	 TE Part # 1-480439-0 16P CMNL CAP HSG M/M NATL



TE Part # 1-480284-0
08P CMNL CAP HSG M/M NATL



TE Part # 1-480350-2
01P CMNL CAP HSG F/H RED



TE Part # 1-480318-0
02P CMNL PLUG HSG F/H NATL



TE Part # 1-480401-0
01P CMNL CAP HSG F/H BLK

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



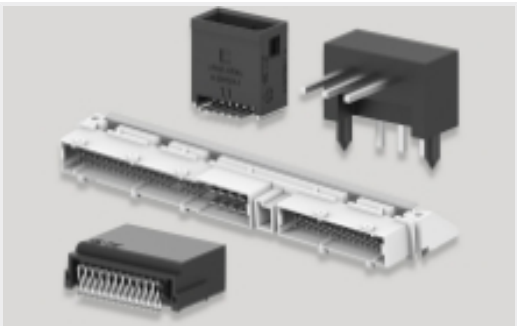
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



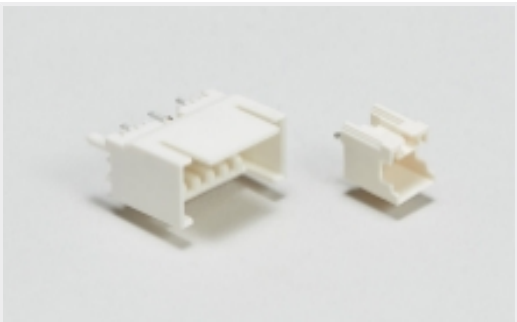
Power Contacts(146)



Rectangular Power Connectors(182)



Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles (56)

Customers Also Bought



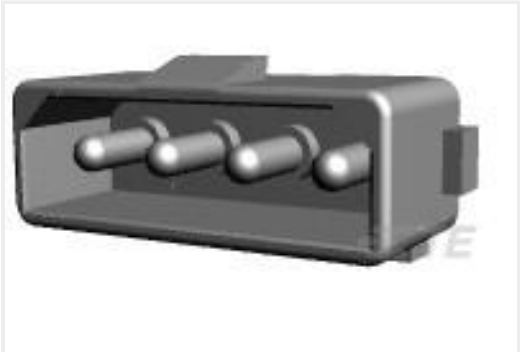
TE Part #1-480722-0
04P CMNL PLUG HSG W/LCK NATL



TE Part #2388553-3
PUSH-IN CONNECTOR, 3 POS



TE Part #42617-2
187 FASTON REC 20-16 AWG TPBR



TE Part #1586534-2
04P CMNL HDR ASSY SHORT LF





TE Part #2213480-1
LUMAWISE Z50 HOLDER 2828
GENERAL



TE Part #2213362-2
Rcpt Assy,Dimmable Photocontrol,
150C,3/4



TE Part #794535-1
06P UMNL PLUG HSG 150C BLK



TE Part #2213795-2
SEALING CAP, RCPT, LUMAWISE
ENDURANCE S



TE Part #40725
RING 190(4.82MM)TERMINAL 18-14
AWG TPBR



TE Part #91533-1
CCII LOCKING CLIP 26-22 ASSY

Documents

Product Drawings
CMNL SOK 20-14 BR

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_61117-2_AC.2d_dxf.zip

English

Customer View Model
ENG_CVM_61117-2_AC.3d_igs.zip

English

Customer View Model
ENG_CVM_61117-2_AC.3d_stp.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_61117-2_BJ.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_61117-2_BJ.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_61117-2_BJ.3d_stp.zip

English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY
English

Product Specifications
Application Specification
English