



Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Diameter	2.13 mm[.084 in]
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Shape & Form	Round
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold



Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	15 A

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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Dimensions

Compatible Insulation Diameter Range	3.3 mm[.13 in]
Wire Size	.5 – 2.27 mm²

Usage Conditions

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

For Multiple Crimp	No
Circuit Application	Power

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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 465644-1 EXTRACTION TOOL	 TE Part # 455830-1 INSERTION TOOL	 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



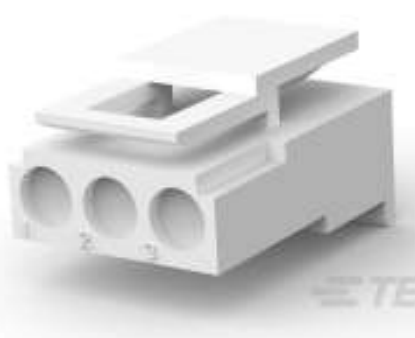
TE Part # 1-480278-0
12P CMNL CAP HSG P/M NATL



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

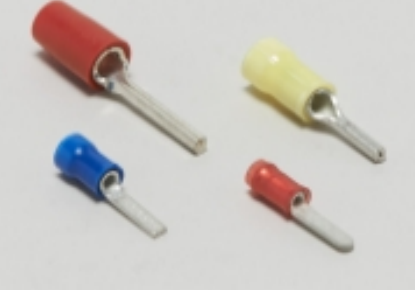
Also in the Series | Commercial MATE-N-LOK



Connector Contacts(20)



Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(5)



Power Contacts(129)



Rectangular Caps & Covers(2)



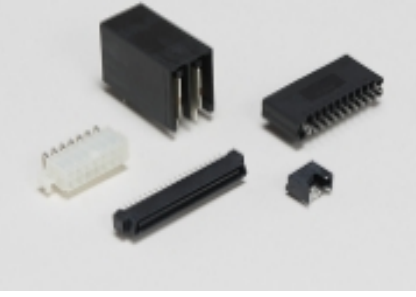
Rectangular Connector Housings(11)



Rectangular Power Connectors(169)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

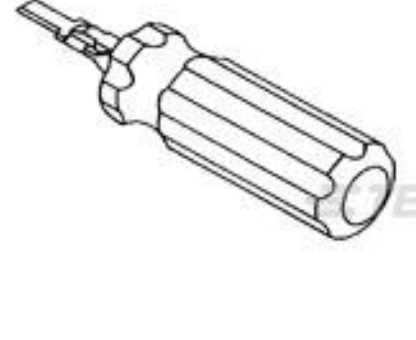


Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #2-6609104-0
PE0SXD6B=C1228



TE Part #465644-1
EXTRACTION TOOL



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



TE Part #1-480721-0
03P CMNL PLUG HSG W/LOK NATL



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

TE Part #3-520150-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR

TE Part #1217133-1
187 FASTON,PCB TAB,TNBR

TE Part #1879808-1
RP 1J 1K0 0.1% 15PPM 5K RL

TE Part #90575-2
SDE UMNL 20-14 AWG DIE

Documents

Product Drawings
CMNL SOK 20-14 AUBR

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_61117-7_AC.2d_dxf.zip

English

Customer View Model
ENG_CVM_61117-7_AC.3d_igs.zip

English

Customer View Model
ENG_CVM_61117-7_AC.3d_stp.zip

English

3D PDF
3D

Customer View Model
ENG_CVM_CVM_61117-7_BJ.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_61117-7_BJ.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_61117-7_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