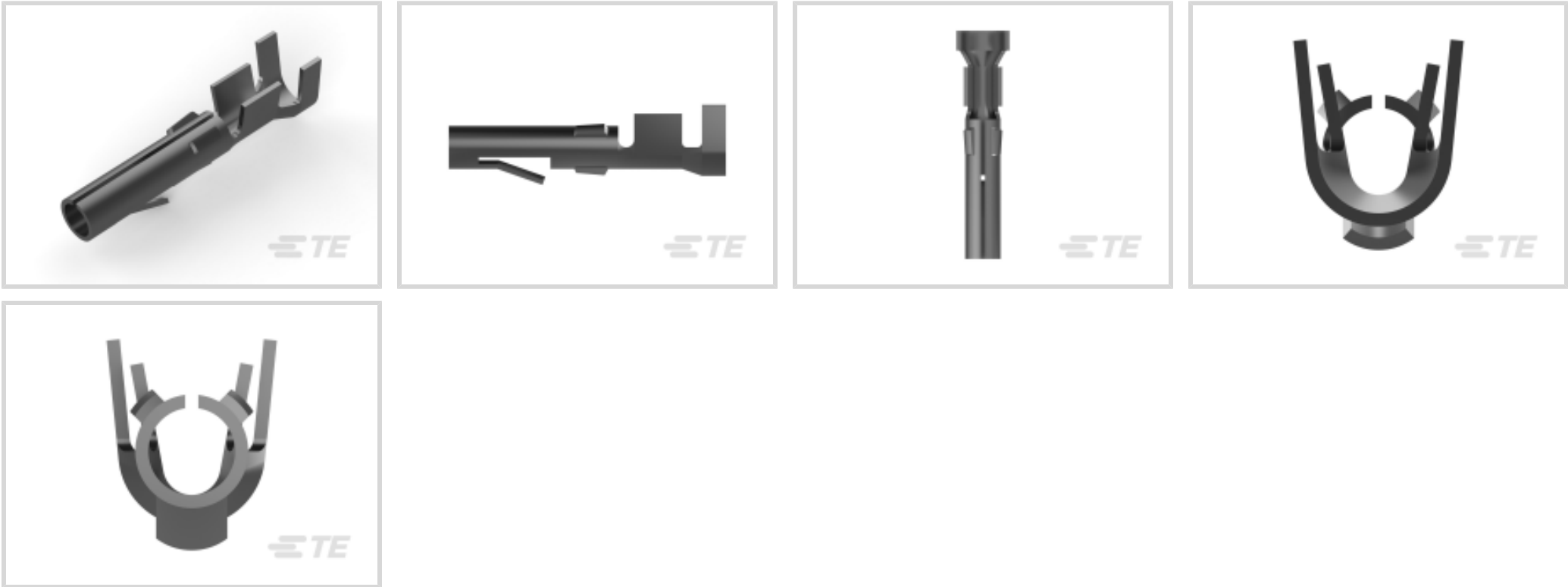




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

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
Wire Contact Termination Area Plating Thickness	.508 – .812 μm[20 – 32 μin]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With



Contact Base Material	Brass
Contact Current Rating (Max)	15 A

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 mm²

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	1000
Packaging Method	Bag & Box

Product Compliance

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

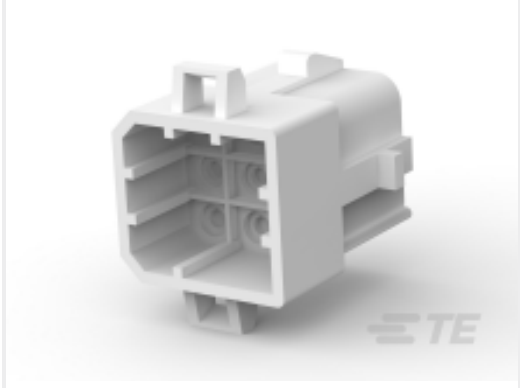
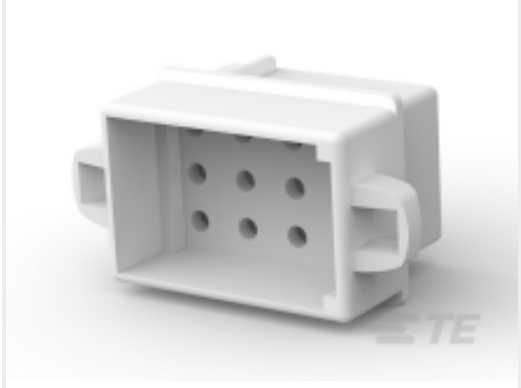
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 171268-1 CIRCUIT HOUSING CAP	TE Part # 1-480278-0 12P CMNL CAP HSG P/M NATL	TE Part # 1-480387-0 03P CMNL CAP HSG F/H BLK	TE Part # 1-480286-0 10P CMNL CAP HSG M/M NATL



TE Part # 1-480274-0
09P CMNL PLUG HSG P/M NATL



TE Part # 1-480287-0
12P CMNL PLUG HSG M/M NATL



TE Part # 1-480345-0
08P CMNL CAP HSG F/H NATL



TE Part # 1-480349-0
01P CMNL PLUG HSG F/H NATL

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



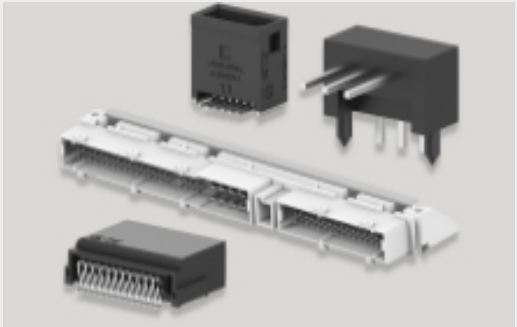
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



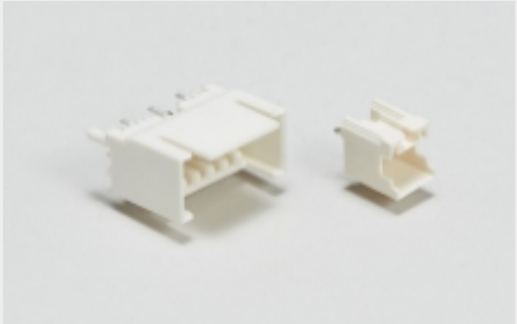
Power Contacts(146)



Rectangular Power Connectors(182)



Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles (56)

Customers Also Bought



TE Part #1-480305-0
03P CMNL CAP HSG F/H NATL



TE Part #1-480350-0
01P CMNL CAP HSG F/H NATL



TE Part #1-480318-9
02P CMNL PLUG HSG F/H BLK



TE Part #1-480319-9
02P CMNL CAP HSG F/H BLK





TE Part #1-480283-0
08P CMNL PLUG HSG M/M NATL



TE Part #4-6609106-6
PS0SXDHX0=C1275



TE Part #1-480319-0
02P CMNL CAP HSG NATL



TE Part #1-480304-0
03P CMNL PLUG HSG P/M NATL



TE Part #91504-1
CCII CMNL MNL PIN SKT 20-14 ASSY



TE Part #1-480426-0
04P CMNL CAP HSG F/H NATL

Documents

Product Drawings

CMNL SOK PTPBR L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_60619-1_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_60619-1_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_60619-1_Y.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

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

60619-1

Socket Contact, Tin (Sn), 250 VAC, Locking Lance Contact Retention, 20 – 14 AWG, .
52 – 2.08 mm² Wire, Crimp, Brass, Power, Commercial MATE-N-LOK



English