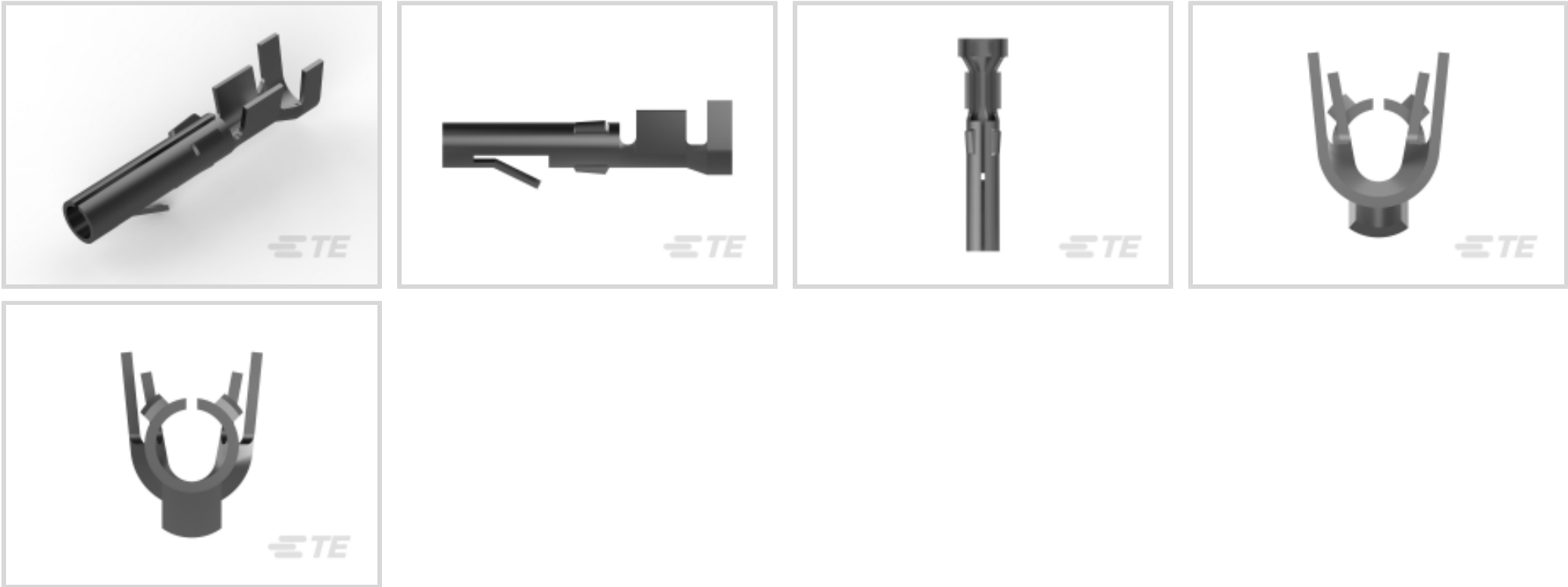




Connectors > Contacts > Connector Contacts



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]
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	Phosphor Bronze



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>

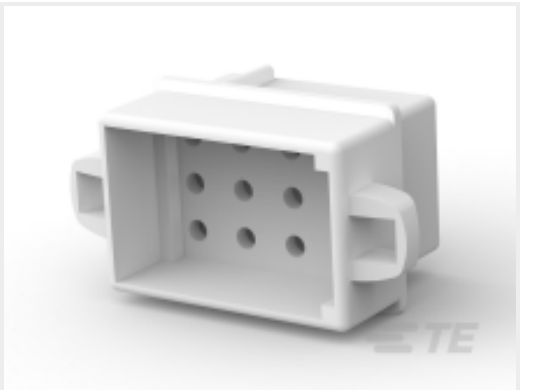
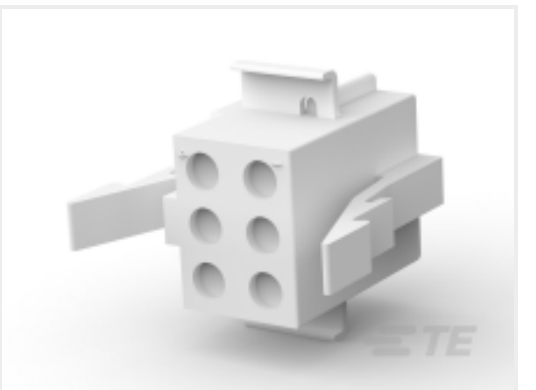
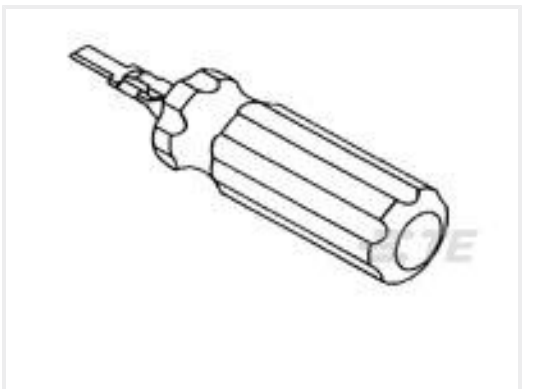
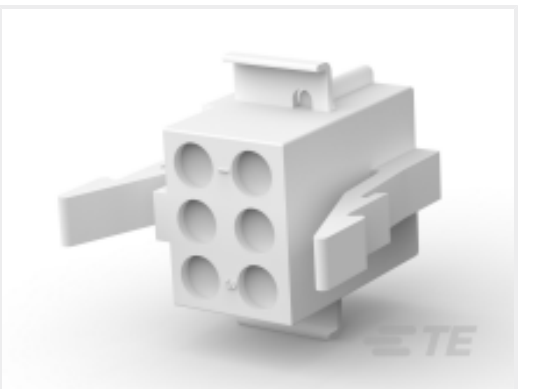
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 5-2151500-2 OCEAN_2.0_APPLICATOR-S-090F130F-RSA	 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	 TE Part # 1-480400-0 01P CMNL PLUG HSG F/H BLK	 TE Part # 1-480426-0 04P CMNL CAP HSG F/H NATL	 TE Part # 1-480690-0 06P CMNL PLUG HSG D/L PM NAT
 TE Part # 1-305183-2 EXTRACT TOOL MATE-N-LOK SKT	 TE Part # 1-480340-0 06P CMNL CAP HSG F/H NATL	 TE Part # 1-480683-0 02P CMNL PLUG HSG F/H NATL	 TE Part # 1-480273-0 06P CMNL PLUG HSG P/M NATL



TE Part # 1-480303-9
03P CMNL PLUG HSG F/H BLK

TE Part # 1-480305-2
03P CMNL CAP HSG F/H RED

TE Part # 3-480426-0
04P CMNL CAP HSG, H-TEMP

TE Part # 171383-1
6 CIRCUIT M-N-L CAP

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)

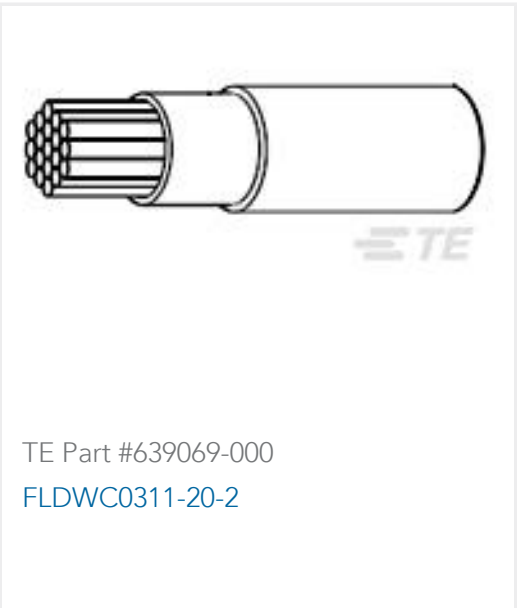
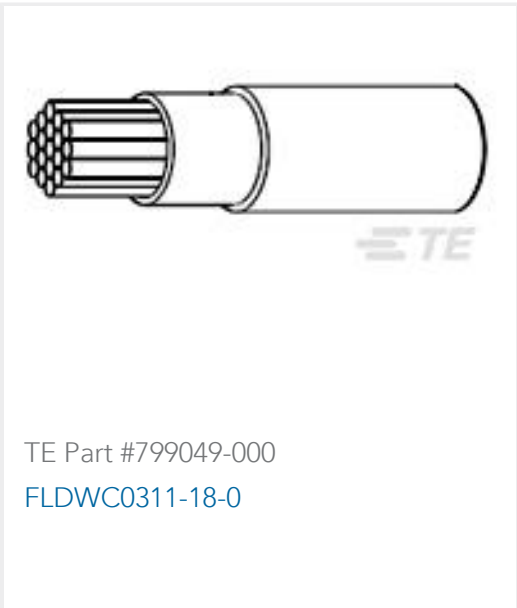
Customers Also Bought

TE Part #87046-1
MOD IV RECP LP

TE Part #172211-8
8P CAP HSG FREE HABG EI S CONN

TE Part #3-6609987-1
15SRBS8-T=F8222C

TE Part #521011-1
ULTRA-POD 250 ASSY REC 18-14 AWG NPST



Documents

Product Drawings
CMNL SOK 20-14 TPPHBZ

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_61117-4_AC.2d_dxf.zip

English

Customer View Model
ENG_CVM_61117-4_AC.3d_igs.zip

English

Customer View Model
ENG_CVM_61117-4_AC.3d_stp.zip

English

3D PDF
3D

Customer View Model
ENG_CVM_CVM_61117-4_BJ.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_61117-4_BJ.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_61117-4_BJ.3d_stp.zip

English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY
English

Product Specifications
Application Specification
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