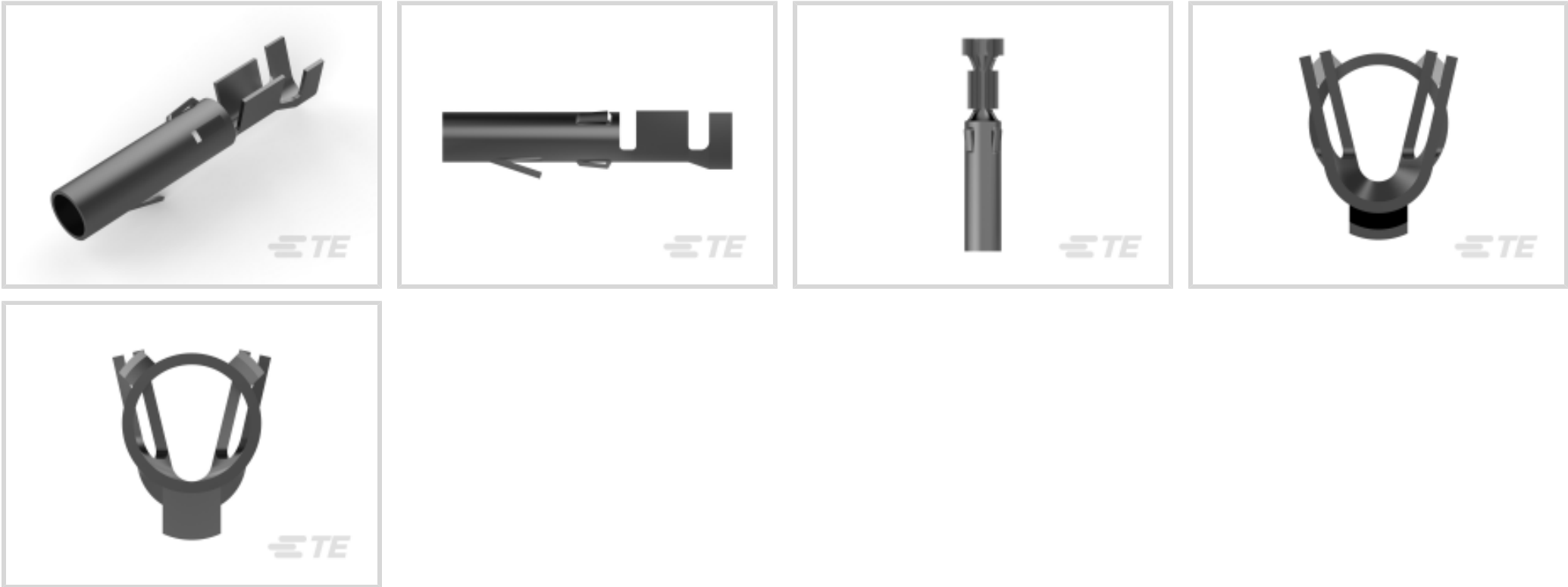




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **250 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	2.1 mm[.082 in]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	.4 μm[15.74 μin]
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	13 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	2.54 mm[.1 in]
Wire Size	.2 – .82 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	7000
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

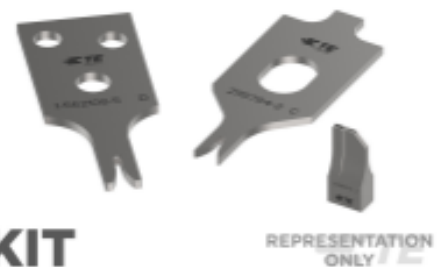
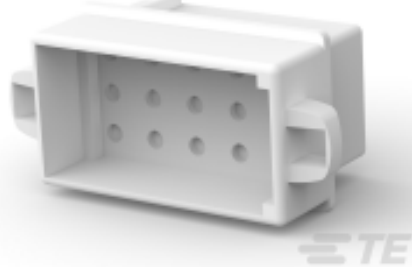
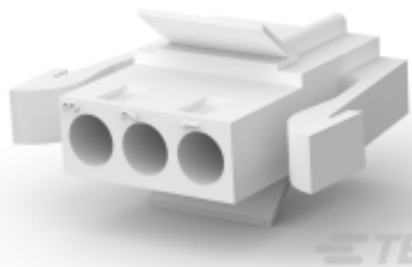
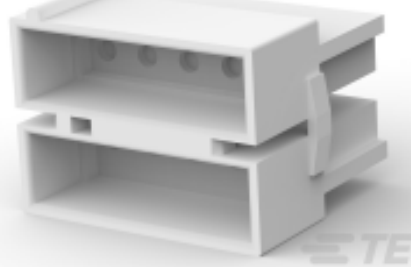
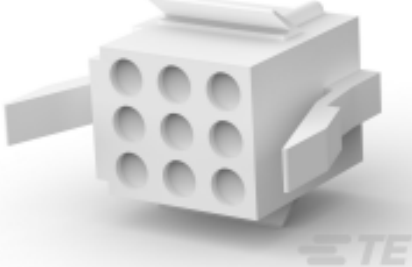
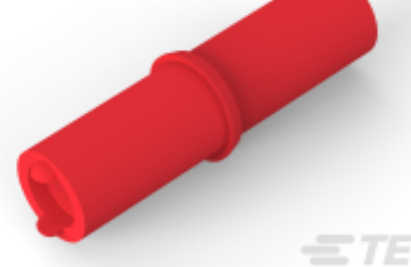
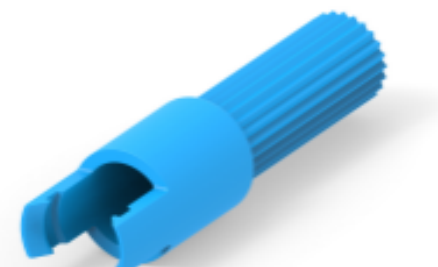
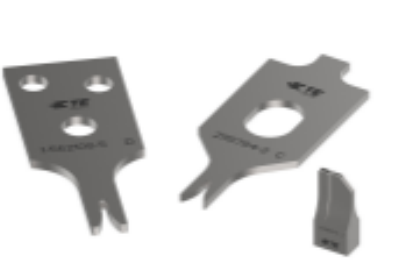
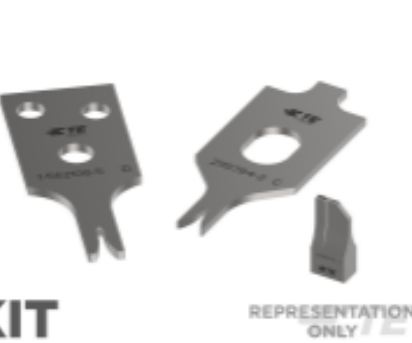
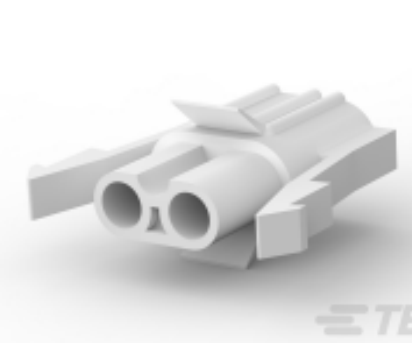
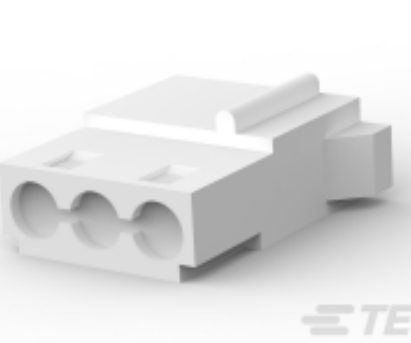
Product Compliance Disclaimer

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

 KIT REPRESENTATION ONLY TE Part # 7-2266600-7 OC-110F220F-752-CRIMPTOOLINGKIT	 TE Part # 1-480324-0 15P CMNL CAP HSG P/M NATL	 TE Part # 1-480304-0 03P CMNL PLUG HSG P/M NATL	 TE Part # 1-480339-0 10P CMNL CAP HSG F/H NATL
 TE Part # 1-480426-9 04P CMNL CAP HSG F/H BLK	 TE Part # 1-171197-0 9 POS MATE-N-LOK S	 TE Part # 170924-1 MNL 2 POS NATURAL PIN HSG	 TE Part # 1-480349-2 01P CMNL PLUG HSG F/H RED
 TE Part # 1-480350-6 01P CMNL CAP HSG F/H BLU	 TE Part # 1-480275-0 12P CMNL PLUG HSG P/M NATL	 TE Part # 1-480319-0 02P CMNL CAP HSG NATL	 KIT REPRESENTATION ONLY TE Part # 7-2151019-7 OCEAN_2.0_SPARE_PART_KIT-070F100F
 TE Part # 2266342-2 OCEAN_2.0_Applicator-S-070F100OV-RSA	 KIT REPRESENTATION ONLY TE Part # 7-2266342-7 OCEAN_2.0_SPARE_PART_KIT-070F100OV	 TE Part # 2-151680-0 2 WAY MATE-N-LOK SOC HSG NAT.A	 TE Part # 1-480303-0 03P CMNL PLUG HSG F/H NATL



TE Part # 1-480424-0
04P CMNL PLUG HSG F/H NATL

TE Part # 2151019-2
OCEAN_2.0_Applicator-S-070F100F-RSA

TE Part # 1-480277-0
09P CMNL CAP HSG P/M 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 #440129-5
2.0MM,HSG,5POS

TE Part #170002-4
SHUR PLUG 20-14 AWG 0.5 X 11.44 TPBR

TE Part #170021-2
SHUR PLUG RECEPTACLE 20-16 AWG TPBR

TE Part #170003-4
SHUR PLUG 156 REC 20-14 AWG TPBR



TE Part #2-1318119-3
DYNAMIC D2100 REC HSG 6P DBL Y



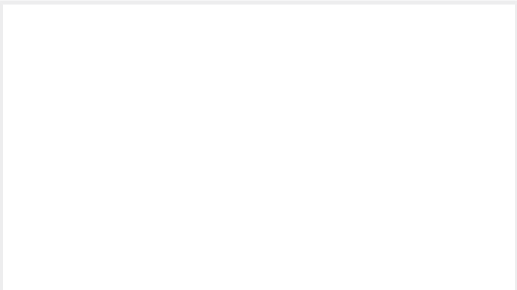
TE Part #2345834-2
NEW MOTOR CONN REC KIT. PF



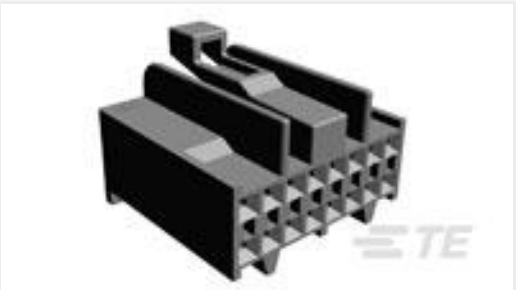
TE Part #179228-4
CT CRIMP-2 REC HSG 4P NATURAL



TE Part #1318111-1
DYNAMIC D-2 TAB CONT M L/P



TE Part #443951-000
462A011-15-0



TE Part #172021-2
16 POS RCPT. HSG.

Documents

Product Drawings
MATE-N-LOK SOCKET 2

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_170147-1_A3.2d_dxf.zip

English

Customer View Model
ENG_CVM_170147-1_A3.3d_igs.zip

English

Customer View Model
ENG_CVM_170147-1_A3.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications
Application Specification

English

Agency Approvals
Agency Approval Document

English