



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 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)	10 A
Mating Pin Diameter	2.1 mm[.082 in]
Wire Contact Termination Area Plating Thickness	.4 µm[15.74 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight



Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

Dimensions

Wire Size	.52 – 2.27 mm²
Compatible Insulation Diameter Range	3.3 mm[.13 in]

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

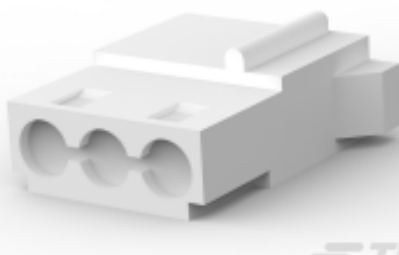
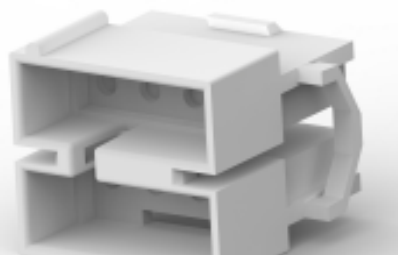
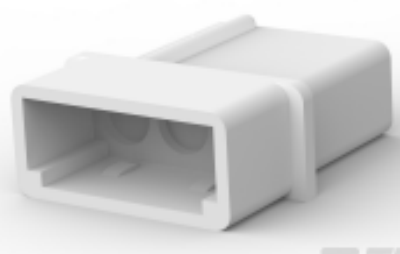
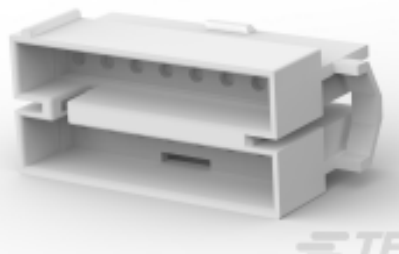
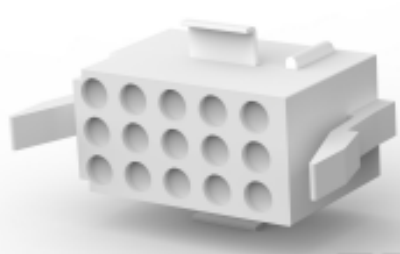
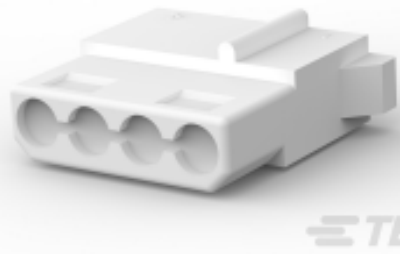
Product Compliance Disclaimer

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 # 1-480424-9 04P CMNL PLUG HSG F/H BLK	 TE Part # 1-480303-0 03P CMNL PLUG HSG F/H NATL	 TE Part # 1-480318-9 02P CMNL PLUG HSG F/H BLK	 TE Part # 1-480284-0 08P CMNL CAP HSG M/M NATL
 TE Part # 1-480305-0 03P CMNL CAP HSG F/H NATL	 TE Part # 1-480401-0 01P CMNL CAP HSG F/H BLK	 TE Part # 2-151680-0 2 WAY MATE-N-LOK SOC HSG NAT.A	 TE Part # 170923-1 CMNL PLG 2P FREE HNG
 TE Part # 5-2151500-1 OCEAN_2.0_APPLICATOR-S-090F130F-RSM	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 1-480439-0 16P CMNL CAP HSG M/M NATL	 TE Part # 1-480323-0 15P CMNL PLUG HSG P/M NATL
 TE Part # 1-480424-0 04P CMNL PLUG HSG F/H NATL	 TE Part # 1-480350-0 01P CMNL CAP HSG F/H NATL	 TE Part # 1-480277-0 09P CMNL CAP HSG P/M NATL	 TE Part # 1-480270-0 06P CMNL PLUG HSG M/M NATL



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

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

TE Part # 1-480285-0
10P CMNL PLUG HSG M/M NATL

TE Part # 1-480318-0
02P 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(55)

Power Contacts(146)

Rectangular Power Connectors(181)

Standard Circular Connectors(2)

Wire-to-Board Headers & Receptacles (55)

Customers Also Bought

TE Part #CAT-HST-VERSAFITV2
Versafit-V2 Heat Shrink Tubing

TE Part #170262-1
EIS CONTACT

TE Part #171822-4
EIS REC. HSG 4P-NATURAL

TE Part #1-350778-9
02P UMNL V0 CAP HSG BLACK



TE Part #1-480438-0
16P CMNL PLUG HSG M/M NATL

TE Part #1-480702-9
04P UMNL PLUG HSG BLK

TE Part #1-480710-9
15P UMNL PLUG HSG BLK

TE Part #1318105-1
DYNAMIC D-2000 REC CONT M

TE Part #1-1318120-3
DYNAMIC D-2100 REC HSG 3P

Documents

Product Drawings
MATE-N-LOK SOCKET 2

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_170120-1_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_170120-1_C.3d_igs.zip

English

Customer View Model
ENG_CVM_170120-1_C.3d_stp.zip

English

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Product Specifications
Application Specification

English