



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
--------------------	----------

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Round
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Barrel Type	Open
Contact Type	Pin



Contact Mating Area Plating Material	Gold (Au)
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
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]
-----------------------------	----------------------------

Operation/Application

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: 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

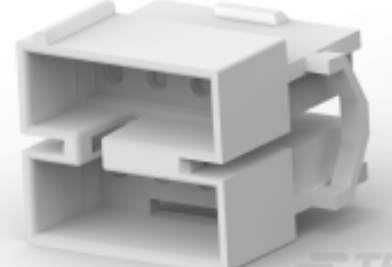
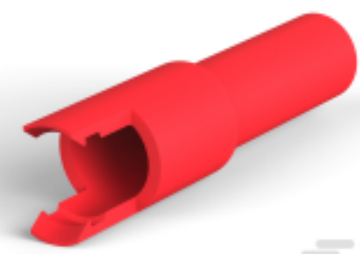
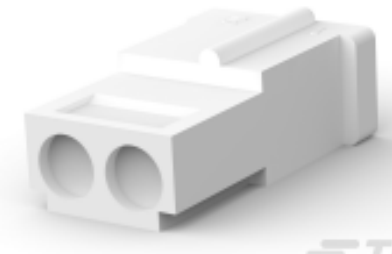
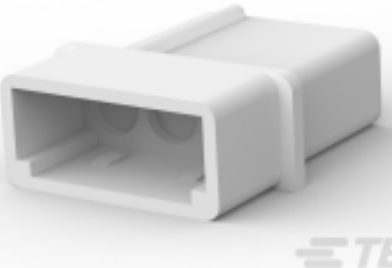
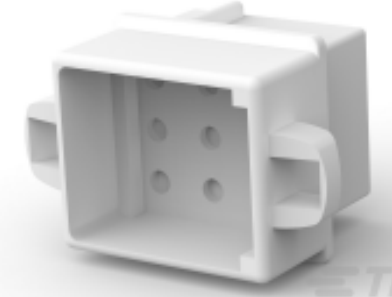
Solder Process Capability

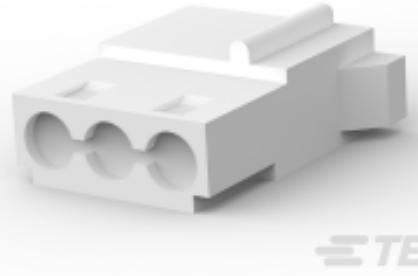
Not applicable for solder process capability

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

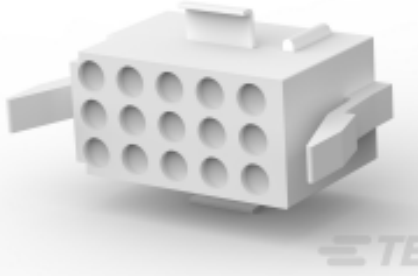
 TE Part # 5-2151500-1 OCEAN_2.0_APPLICATOR-S-090F130F-RSM	 TE Part # 1-480424-0 04P CMNL PLUG HSG F/H NATL	 TE Part # 1-480424-9 04P CMNL PLUG HSG F/H BLK	 TE Part # 1-480439-0 16P CMNL CAP HSG M/M NATL
 TE Part # 1-480284-0 08P CMNL CAP HSG M/M NATL	 TE Part # 1-480350-2 01P CMNL CAP HSG F/H RED	 TE Part # 1-480318-0 02P CMNL PLUG HSG F/H NATL	 TE Part # 1-480401-0 01P CMNL CAP HSG F/H BLK
 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 # 1-480277-0 09P CMNL CAP HSG P/M NATL	 TE Part # 1-480285-0 10P CMNL PLUG HSG M/M NATL



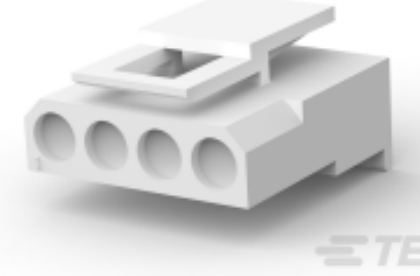
TE Part # 1-480303-0
03P CMNL PLUG HSG F/H NATL



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



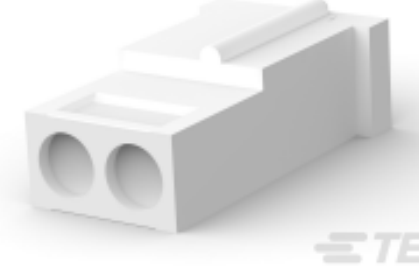
TE Part # 1-480323-0
15P CMNL PLUG HSG P/M NATL



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



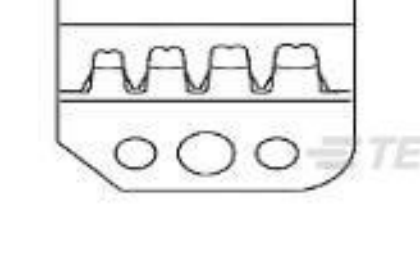
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 170923-1
CMNL PLG 2P FREE HNG



TE Part # 1-480270-0
06P CMNL PLUG HSG M/M NATL



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

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



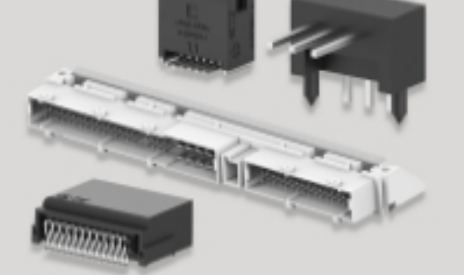
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



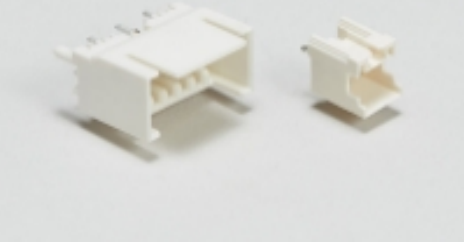
Power Contacts(146)



Rectangular Power Connectors(182)



Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles (56)

Customers Also Bought



TE Part #CW5504-000
SHF260-0113-4-9



TE Part #1445716-5
KIT 6AWG RED



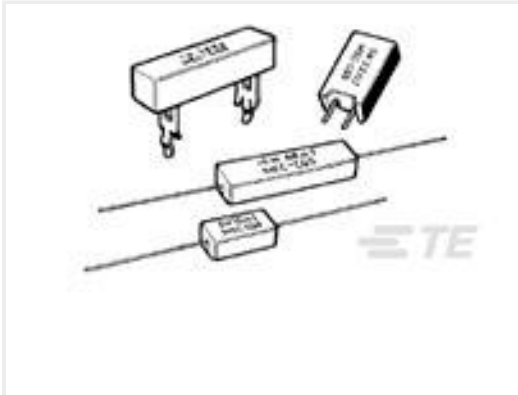
TE Part #3-1825910-1
FSM16JH=6MM TACT SWITCH, HIGH TEMP



TE Part #53555-1
SOLIS SPD 22-16COMM 22-18MIL 2



TE Part #282618-1
FFC PIN CONTACT TIN-P



TE Part #2-1623795-7
SQP5 100R 5% WIRE



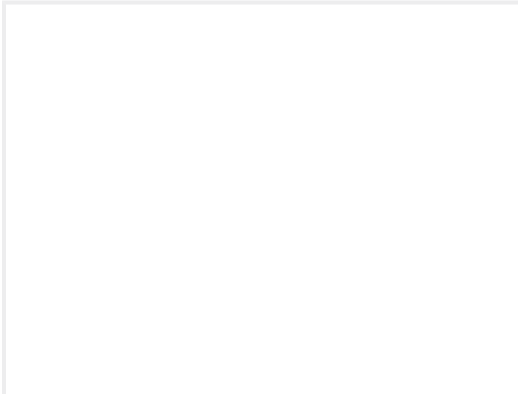
TE Part #6-1393243-3
RT424012



TE Part #2389783-1
SDE F DEUTSCH 16 S&F 0.50mm2-18AWG ASSY



TE Part #4-1393123-1
KHU-17D11-24=KH



TE Part #304Z-05932
Speed sen DSE 0603.02 T3HV

Documents

Product Drawings

CMNL PIN 20-14 AUNIBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_61118-5_BG.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61118-5_BG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61118-5_BG.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