



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

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

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

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



Contact Mating Area Plating Material	Gold
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]
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

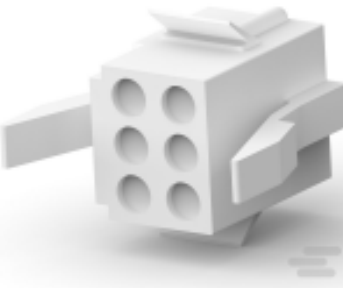
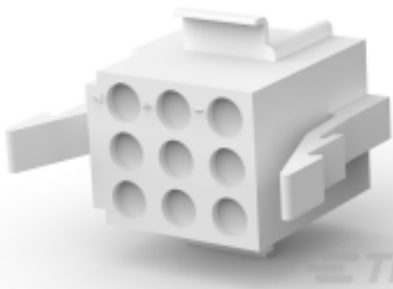
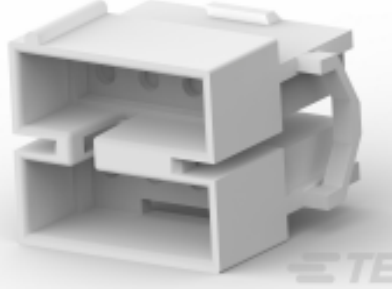
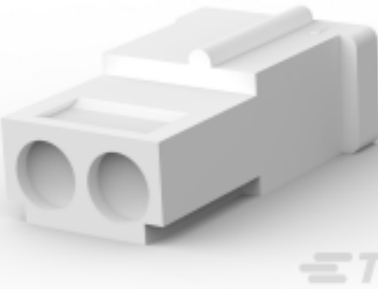
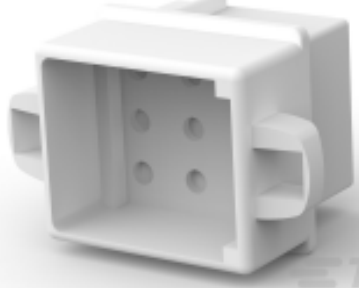
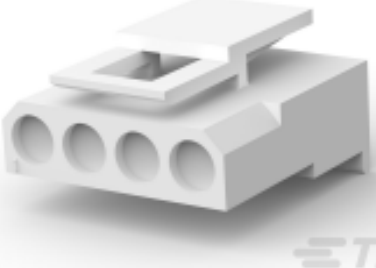
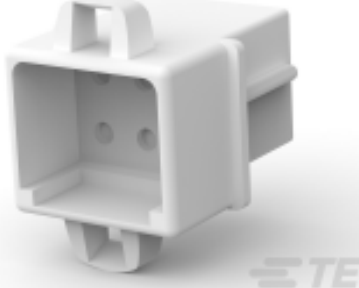
Solder Process Capability

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 # 2151500-1 OCEAN_2.0_APPLICATOR-S-090F130F	 TE Part # 91504-1 CCII CMNL MNL PIN SKT 20-14 ASSY	 TE Part # 465644-1 EXTRACTION TOOL	 TE Part # 1-171196-0 6 POS MATE-N-LOK S
 TE Part # 1-480274-0 09P CMNL PLUG HSG P/M NATL	 TE Part # 1-480284-0 08P CMNL CAP HSG M/M NATL	 TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL	 TE Part # 1-480683-0 02P CMNL PLUG HSG F/H NATL
 TE Part # 1-480277-0 09P CMNL CAP HSG P/M NATL	 TE Part # 1-480304-0 03P CMNL PLUG HSG P/M NATL	 TE Part # 1-480722-0 04P CMNL PLUG HSG W/LCK NATL	 TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL



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

TE Part # 1-480439-0
16P CMNL CAP HSG M/M NATL

TE Part # 1-480393-1
02P CMNL PLUG HSG F/H BLK

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

TE Part # 1-480340-0
06P CMNL CAP HSG F/H NATL

TE Part # 1-480278-0
12P CMNL CAP HSG P/M NATL

TE Part # 1-480324-0
15P CMNL CAP HSG P/M NATL

TE Part # 1-480721-0
03P CMNL PLUG HSG W/LOK NATL

Also in the Series | Commercial MATE-N-LOK

Connector Caps & Covers(2)

Connector Contacts(150)

Connector Seals & Cavity Plugs(1)

Crimp Wire Pins, Tabs & Ferrules(2)

Insertion & Extraction Tools(3)

Rectangular Connector Housings(9)

Rectangular Power Connectors(167)

Standard Circular Connectors(2)

Standard Rectangular Connectors(7)

Customers Also Bought





TE Part #130171
TERMINAL, PIDG, RT, 12-10 AWG, M5



TE Part #3-640440-5
05P MTA100 CONN ASSY 22AWG RED



TE Part #66507-3
20 DF PIN



TE Part #207377-1
HSG, PLUG 6 POSN, METRIMATE



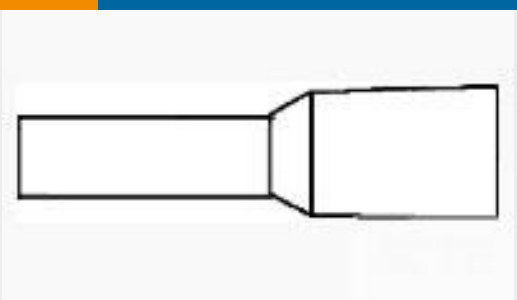
TE Part #350714-4
15P UMNL PIN HDR ASSY 94VO LF



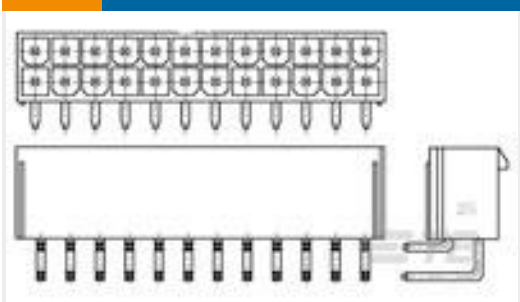
TE Part #1445716-5
KIT 6AWG RED



TE Part #8-1768019-1
ESSW1-050



TE Part #1241001-1
ADERENDH0,75M GRAU



TE Part #1586863-8
8P VAL-U-LOK R/A HDR GW



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

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