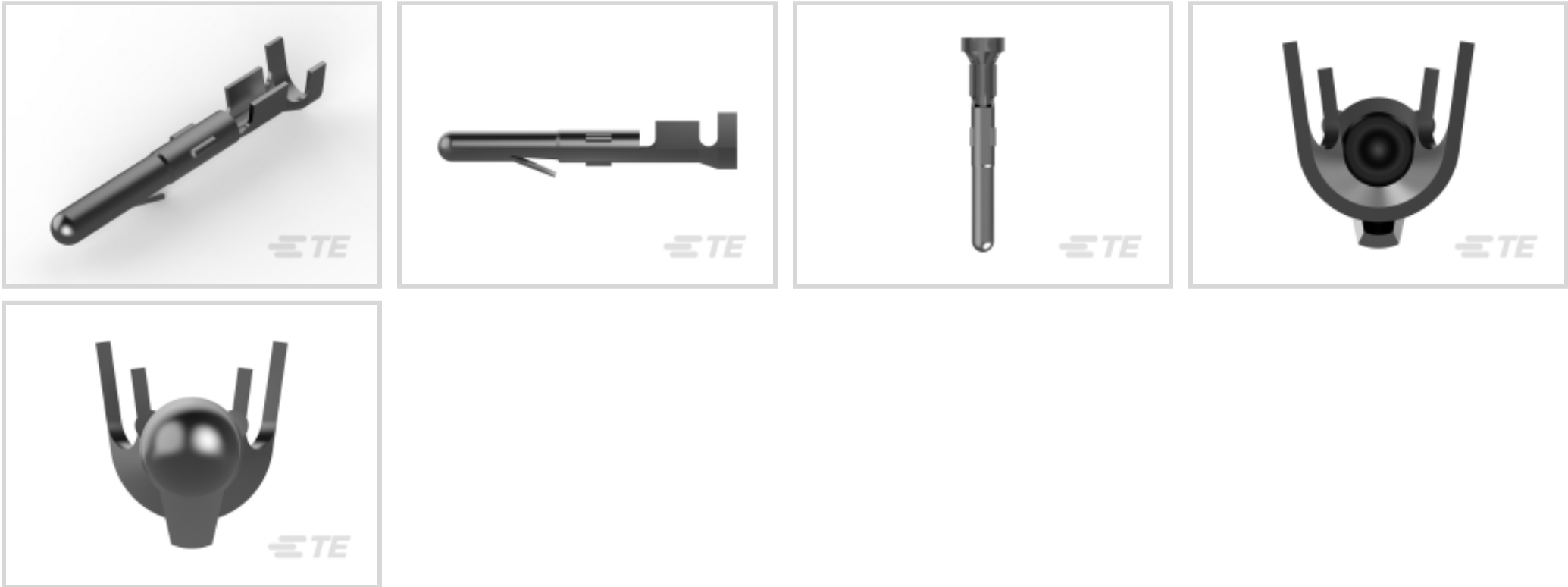




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Tin-Lead**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

Product Type Features

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

Contact Features

Mating Pin Diameter	2.1 mm[.082 in]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Round
Contact Orientation	Straight
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze

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	1.8 – 3.3 mm[.071 – .13 in]
Wire Size	.5 – 1 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C
-----------------------------	--------------

Operation/Application

Circuit Application	Power
---------------------	-------

Packaging Features

Packaging Quantity	4500
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

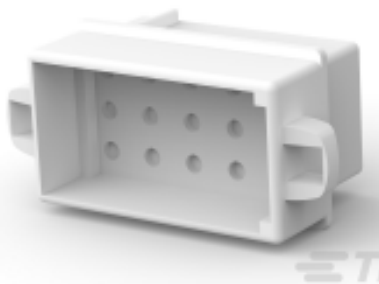


materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

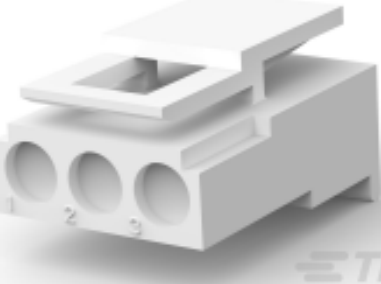
Compatible Parts

 TE Part # 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

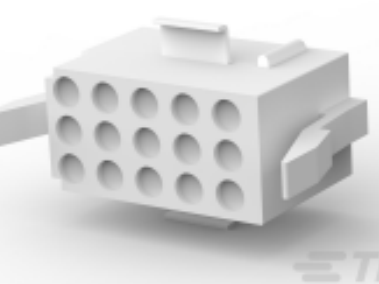




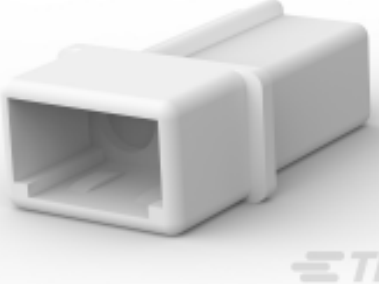
TE Part # 1-480324-0
15P CMNL CAP HSG P/M NATL



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



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



TE Part # 170924-1
MNL 2 POS NATURAL PIN HSG

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)

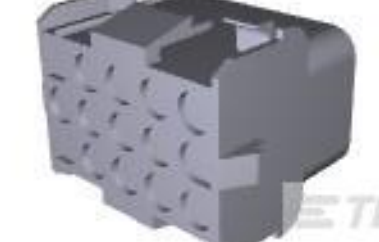
Customers Also Bought



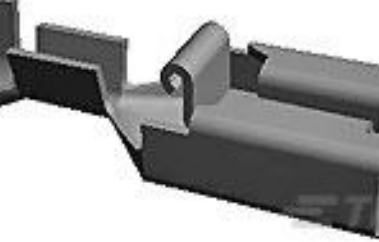
TE Part #DT04-08PA-C015
REC, 8P, GRY, E, A



TE Part #1-925369-6
MOD 4 REC.HSG 1X16P



TE Part #926647-3
UNIV.M-N-L.CAP HSG



TE Part #160759-4
PL 250 TERMINAL REC 0.5-1.5 MM2
TPPHBZ



TE Part #42563-2
250 FASTON FLAG REC 12-10 AWG
TPBR

TE Part #1028-015-1205
BKSHL, 12P, BLK, PLG, ST, NW 13/17

TE Part #929941-1
JPT REC 2.8 Contact SWS Sn

TE Part #60294-2
FF 250 TAB 22-18 AWG .032 TPBR

TE Part #2-180351-0
FF 250 REC 4-6MM2 TPPB

TE Part #5-965982-1
TAB 2.8x0.8 CONTACT CF SWS Sn

Documents

Product Drawings

MATENLOK PIN

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_163301-8_K.3d_igs.zip

English

Customer View Model

ENG_CVM_163301-8_K.3d_stp.zip

English

Customer View Model

ENG_CVM_163301-8_K.2d_dxf.zip

English

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

Product Specifications

Application Specification

English