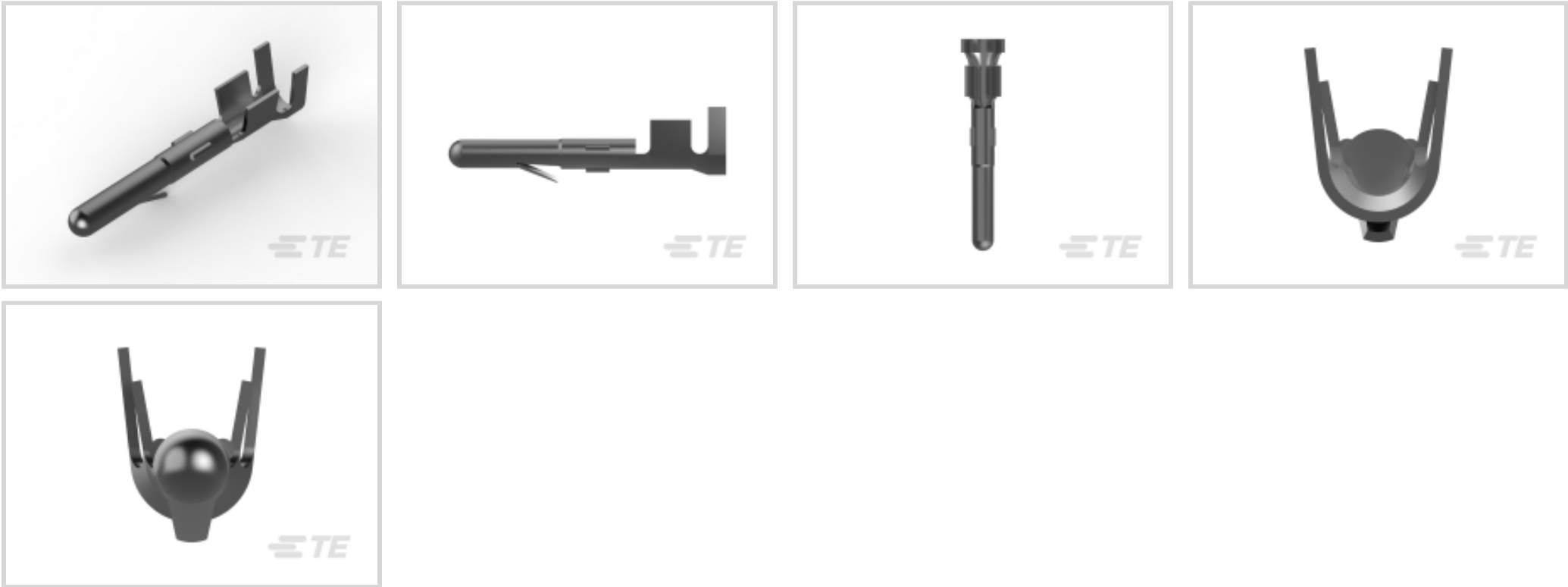




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Locking Lance**

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	2.1 mm[.082 in]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
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	2.5 – 3.8 mm[.098 – .15 in]
Wire Size	1 – 2.5 mm ²

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	3500
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

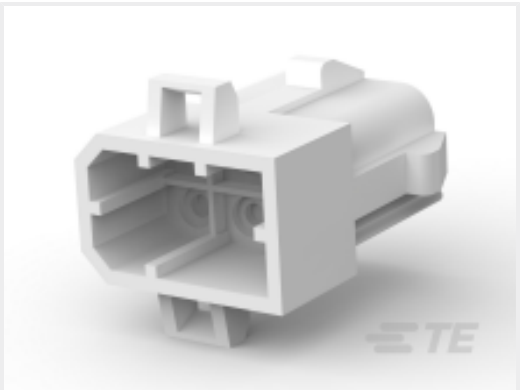
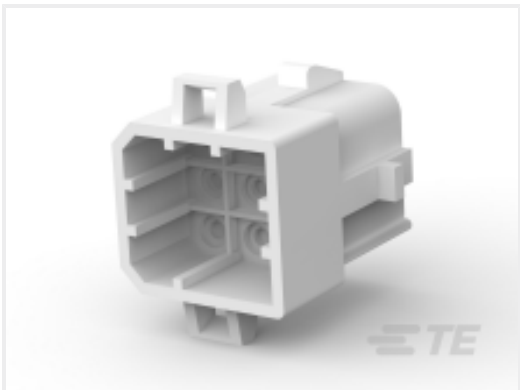
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 3-480426-0 04P CMNL CAP HSG, H-TEMP	 TE Part # 1-480426-0 04P CMNL CAP HSG F/H NATL	 TE Part # 171383-1 6 CIRCUIT M-N-L CAP	 TE Part # 455830-1 INSERTION TOOL
 TE Part # 2151997-1 OCEAN-2.0-APPLICATOR-S-090F130F-RSM	 TE Part # 770827-1 04P CMNL PLUG HSG 94-VO	 TE Part # 2-151679-0 2 WAY MATE-N-LOK PIN HSG.NAT.A	 TE Part # 1-171196-0 6 POS MATE-N-LOK S
 TE Part # 1-480303-9 03P CMNL PLUG HSG F/H BLK	 TE Part # 1-480683-0 02P CMNL PLUG HSG F/H NATL	 TE Part # 1-480273-0 06P CMNL PLUG HSG P/M NATL	 TE Part # 1-480340-0 06P CMNL CAP HSG F/H NATL
 TE Part # 171268-1 CIRCUIT HOUSING CAP	 TE Part # 1-480286-0 10P CMNL CAP HSG M/M NATL	 TE Part # 1-480287-0 12P CMNL PLUG HSG M/M NATL	 TE Part # 1-480345-0 08P CMNL CAP HSG F/H NATL
 TE Part # 1-480349-0 01P CMNL PLUG HSG F/H NATL	 TE Part # 1-480400-0 01P CMNL PLUG HSG F/H BLK	 TE Part # 1-480278-0 12P CMNL CAP HSG P/M NATL	 TE Part # 1-480305-2 03P CMNL CAP HSG F/H RED

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 #1SNA116913R0700
FEM8D2S

TE Part #926884-1
UNIV.M-N-L.SOCKET

TE Part #350925-1
UMNL SOK 30-26 PTPBR

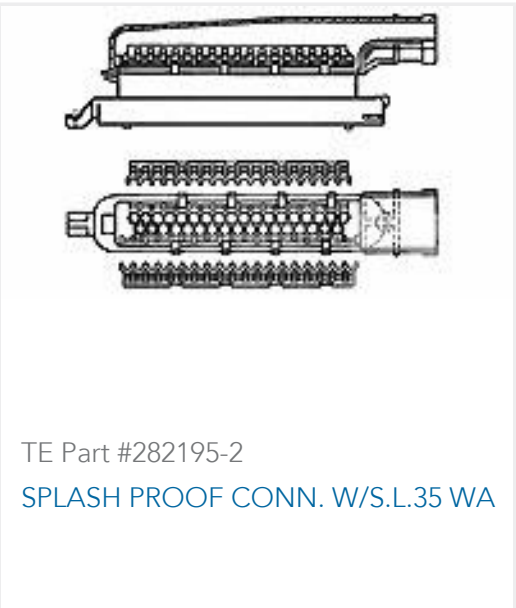
TE Part #61368-1
250 FASTON REC 24-20 AWG TPBR

TE Part #925076-7
4W CIRCULAR MATE-N-LOK SOCKET
HSG NAT

TE Part #60620-1
CMNL PIN 20-14 TPBR L/P

TE Part #3-160256-1
250 FASTON,REC.,17-14 AWG,TPPB

TE Part #926894-1
UNIV.M-N-L.PIN



Documents

Product Drawings
MATENLOK.PIN

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_163303-8_F.3d_igs.zip

English

Customer View Model

ENG_CVM_163303-8_F.3d_stp.zip

English

Customer View Model

ENG_CVM_163303-8_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163303-8_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163303-8_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163303-8_Z.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