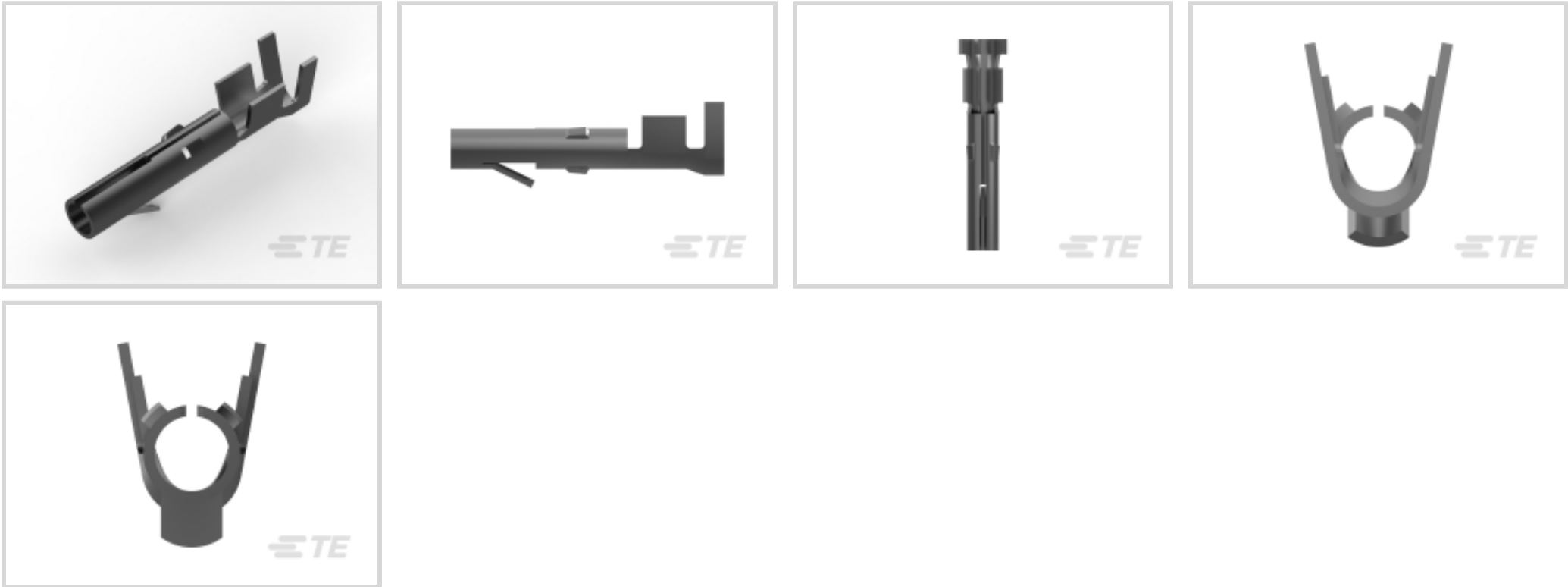




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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
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Packaging Features

Packaging Method	Reel
Packaging Quantity	3500

Dimensions

Compatible Insulation Diameter Range	2.5 – 3.8 mm[.098 – .15 in]
Wire Size	1 – 2.5 mm ²

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Orientation	Straight
Mating Pin Diameter	2.1 mm[.082 in]



Wire Contact Termination Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Brass

Termination Features

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

Operation/Application

Circuit Application	Power
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

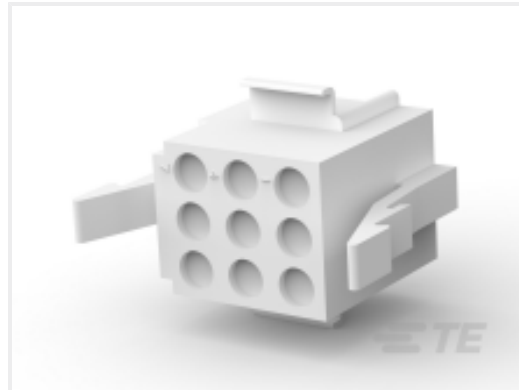
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 91504-1 CCII CMNL MNL PIN SKT 20-14 ASSY	 TE Part # 455830-1 INSERTION 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 # 1-480425-0 04P CMNL PLUG 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)

PCB Headers & Receptacles(56)

Rectangular Connector Housings(9)

Rectangular Power Connectors(115)

Standard Circular Connectors(2)

Standard Rectangular Connectors(2)

Customers Also Bought

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

TE Part #61412-2
SHUR PLUG 180 RECEPTACLE 18-14
AWG TPBR

TE Part #350866-1
01P UMNL CAP HSG

TE Part #163301-6
MATENLOK PIN

TE Part #1969443-3
EP 2.5 TPA Retainer, 3 Pos

TE Part #HD10-9BT-BK
BOOT, 9P, PLG/REC, ST, BLK

TE Part #925076-3
4W CIRCULAR MATE-N-LOK SOCKET
HSG BLK

TE Part #2-1969540-0
HOUSING, PLUG, 20P,DUAL ROW,
EP2.5



TE Part #1-1969540-0
HOUSING, PLUG, 10P,DUAL ROW,
EP2.5



TE Part #61-0167-011-P00
CONTACT PIN 1,5 MM

Documents

Product Drawings

MATENLOK SIDE WAY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163302-6_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163302-6_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163302-6_W.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_163302-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_163302-6_E.3d_stp.zip

English

Customer View Model

ENG_CVM_163302-6_E.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