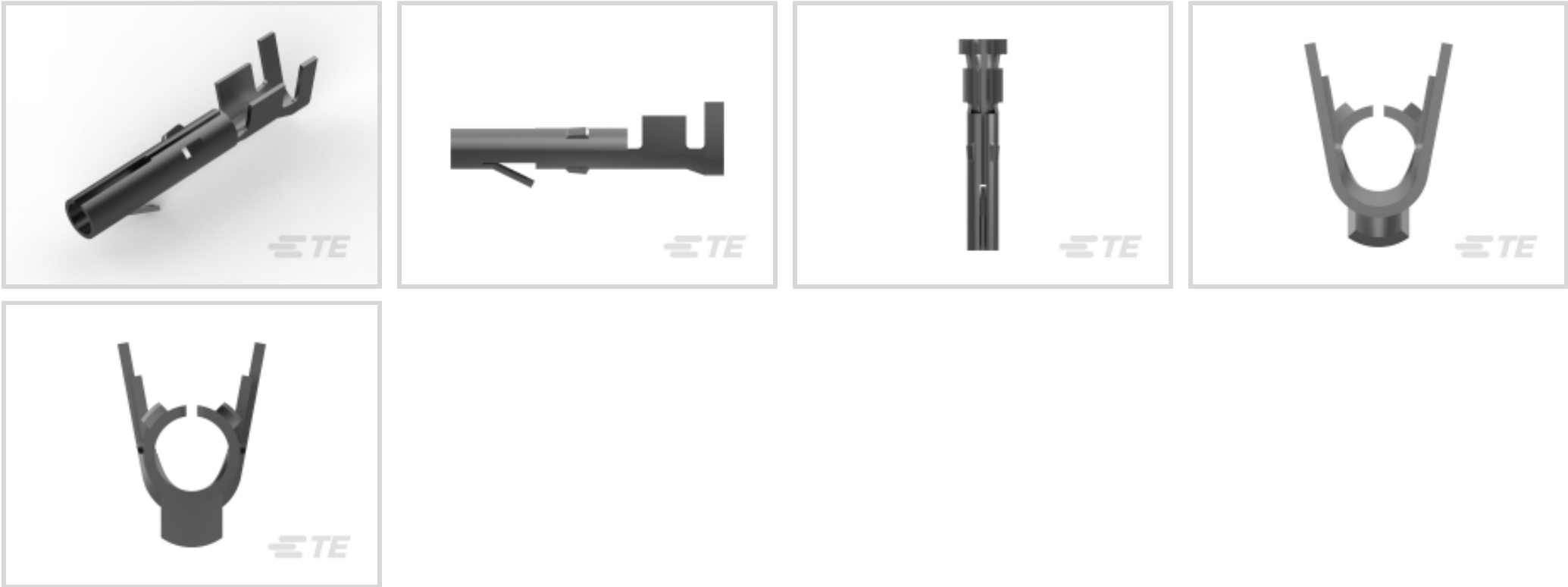




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

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 (Sn)
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	2.5 – 3.8 mm[.098 – .15 in]
Wire Size	1 – 2.5 mm ²

Operation/Application

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

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

 <p>TE Part # 1-480349-6 01P CMNL PLUG HSG F/H BLU</p>	 <p>TE Part # 171382-1 MNL PANEL MOUNT PLUG 6P</p>	 <p>TE Part # 1-480720-0 02P CMNL PLUG HSG W/LOK NATL</p>	 <p>TE Part # 171267-1 CIRCUIT HSG PLUG</p>
 <p>TE Part # 3-480425-0 04P CMNL PLG HSG, H-TEMP</p>	 <p>TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL</p>	 <p>TE Part # 1-480721-0 03P CMNL PLUG HSG W/LOK NATL</p>	 <p>TE Part # 1-480288-0 12P CMNL CAP HSG M/M NATL</p>
 <p>TE Part # 1-480388-0 03P CMNL PLUG HSG F/H BLK</p>	 <p>TE Part # 1-480393-1 02P CMNL PLUG HSG F/H BLK</p>	 <p>TE Part # 1-480425-0 04P CMNL PLUG HSG P/M NATL</p>	 <p>TE Part # 1-480271-0 06P CMNL CAP HSG M/M NATL</p>
 <p>TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL</p>	 <p>TE Part # 1-480283-0 08P CMNL PLUG HSG M/M NATL</p>	 <p>TE Part # 1-480318-4 02P CMNL PLUG HSG F/H YELL</p>	 <p>TE Part # 1-480319-4 02P CMNL CAP HSG F/H YELL</p>
 <p>TE Part # 1-480319-9 02P CMNL CAP HSG F/H BLK</p>	 <p>TE Part # 1-480351-2 01P CMNL CAP HSG RED</p>	 <p>TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK</p>	 <p>TE Part # 1-480305-9 03P CMNL CAP HSG F/H BLK</p>

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 #480487-4
187 FASTON FLAG INSL POD NYLON LP NAT

TE Part #776534-2
AS16,CAP ASSY,ST,02P,E SEAL,CODE B

TE Part #5-1452013-1
MQS0,63 Au rec LL unseal. 0,5-0,75

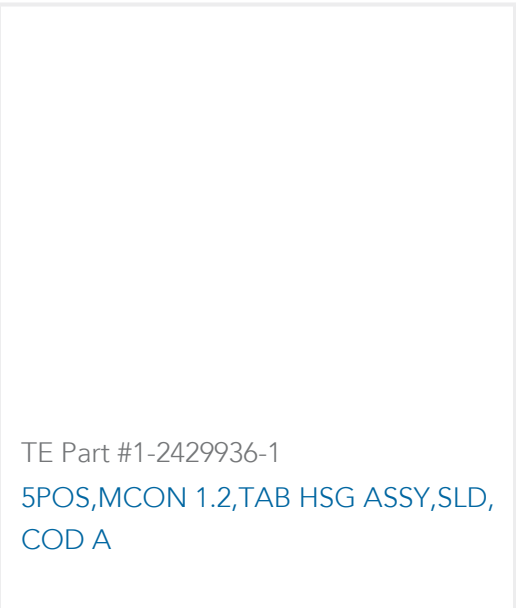
TE Part #1564980-2
AMP MCP 1.5K, CONTACT

TE Part #2208304-1
8POS MQS REC

TE Part #2208306-1
COVER,FOR 8WAY MQS WITH SB

TE Part #936552-2
CLIP HSG FOR 187 CONN BLACK

TE Part #1743752-2
CLIP HSG FOR MQS TREE TYPE



Documents

Product Drawings
MATENLOK SOCKET

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163302-8_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163302-8_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163302-8_W.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_163302-8_E.3d_igs.zip

English

Customer View Model

ENG_CVM_163302-8_E.3d_stp.zip

English

Customer View Model

ENG_CVM_163302-8_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