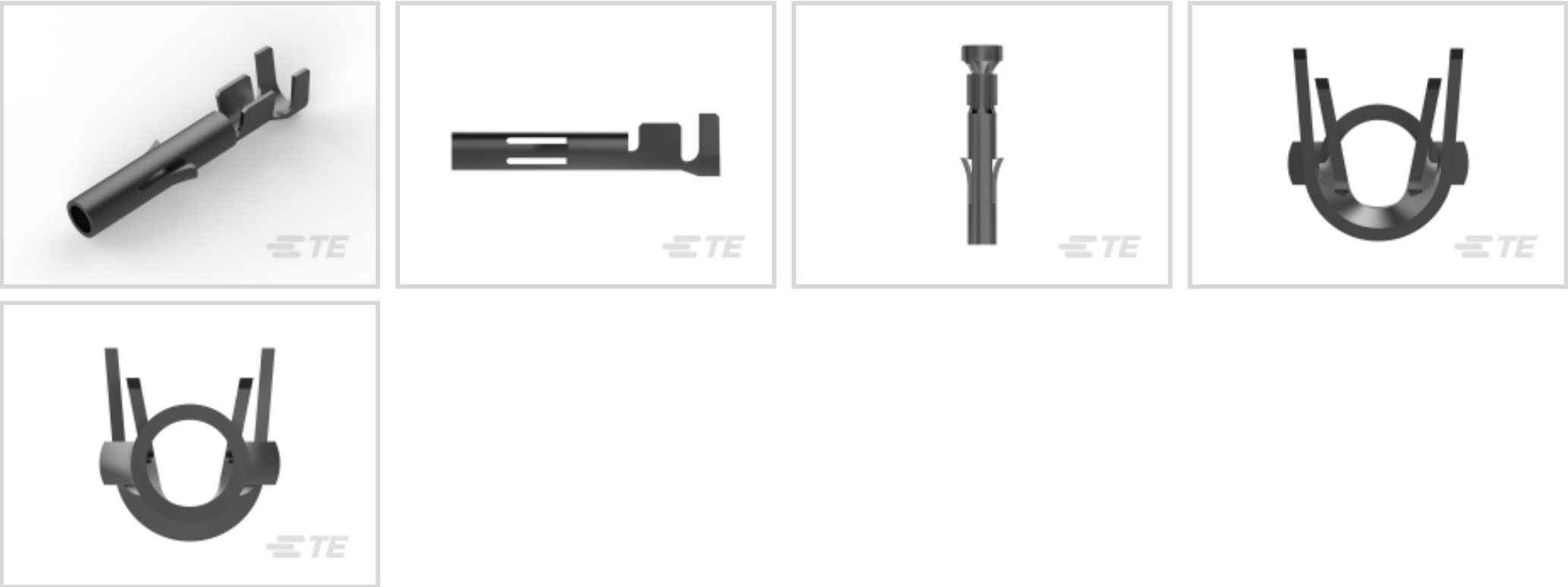




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **600 VAC**
Contact Retention Within Housing: **With**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	19 A
Mating Pin Diameter	2.13 mm[.084 in]
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------



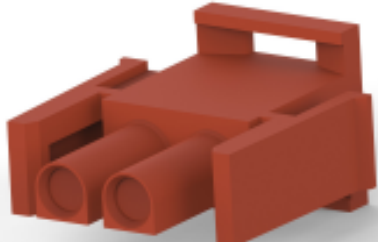
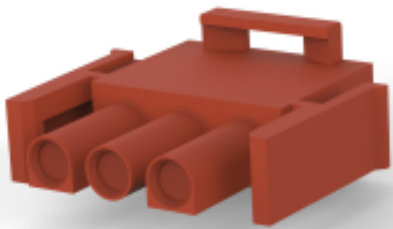
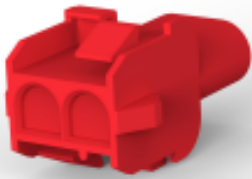
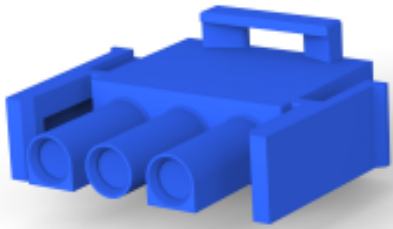
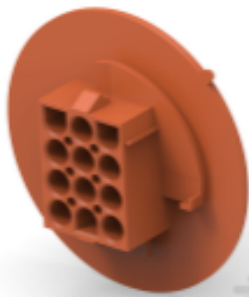
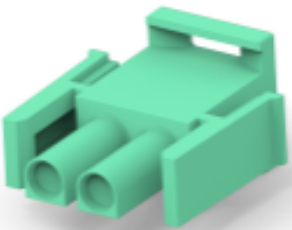
Product Terminates To	Wire & Cable
Mechanical Attachment	
Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without
Dimensions	
Wire Size	.5 – 2 mm²
Compatible Insulation Diameter Range	1.52 – 3.3 mm[.06 – .13 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Compatible With Agency/Standards Products	CSA, UL, VDE
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-480708-9 12P UMNL PLUG HSG BLK	 TE Part # 1-350777-1 02P UMNL V0 PLUG HSG BROWN	 TE Part # 1-350766-1 03P UMNL V0 PLUG HSG BROWN	 TE Part # 1-350867-0 01P UMNL PLUG HSG NATL
 TE Part # 1-350778-2 02P UMNL V0 CAP HSG RED	 TE Part # 1-480707-2 09P UMNL CAP HSG RED	 TE Part # 1-350766-6 03P UMNL V0 PLUG HSG BLUE	 TE Part # 1-350766-3 03P UMNL V0 PLUG HSG ORANGE
 TE Part # 1-350778-9 02P UMNL V0 CAP HSG BLACK	 TE Part # 1-480701-0 03P UMNL CAP HSG NATL	 TE Part # 1-480711-1 15P UMNL CAP HSG BRN	 TE Part # 1-794762-1 12P UMNL CAP HSG,PAN MNT, BROWN
 TE Part # 1-350777-5 02P UMNL V0 PLUG HSG GREEN	 TE Part # 1-1604256-1 UMNL BULKHEAD CONN,4 POS	 TE Part # 1-480704-0 06P UMNL PLUG HSG NATL	 TE Part # 1-480709-9 12P UMNL CAP HSG BLK



TE Part # 350781-1
06P UMNL CAP HSG

TE Part # 1-480700-1
03P UMNL PLUG HSG BRN

TE Part # 1-480706-0
09P UMNL PLUG HSG NATL

TE Part # 1-480711-0
15P UMNL CAP HSG NATL

Also in the Series

Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Contacts(205)

Connector Hardware(12)

Power Contacts(205)

Rectangular Power Connectors(644)

Standard Circular Connectors(1)

Customers Also Bought

TE Part #173974-4
PL 187 (4.8 MM) HOUSING
RECEPTACLE

TE Part #179463-1
POWER DBL LOCK CAP HSG F/H 2P

TE Part #1-480710-2
15P UMNL PLUG HSG RED

TE Part #520974-2
ULTRA-POD 250 ASSY REC 14-12
AWG TPBR

TE Part #926308-1
8P UNIV.M-N-L.CAP

TE Part #1393118-3
KUP-14A55-240=KU

TE Part #1571488-1
SWITCH,KEY,SPECIAL

TE Part #1-1703061-3
PLUG, 2 CIRCUIT , UNIVERSAL MATE-
N-LOK



TE Part #1-1415545-5
[RT424024IN](#)

TE Part #2385398-1
[CABLE ASSY,CPC TO METRIMATE](#)

Documents

Product Drawings

[UMNL SOK 20-14 .0125 PTPPHBZ](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_350536-3_BH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350536-3_BH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350536-3_BH.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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English