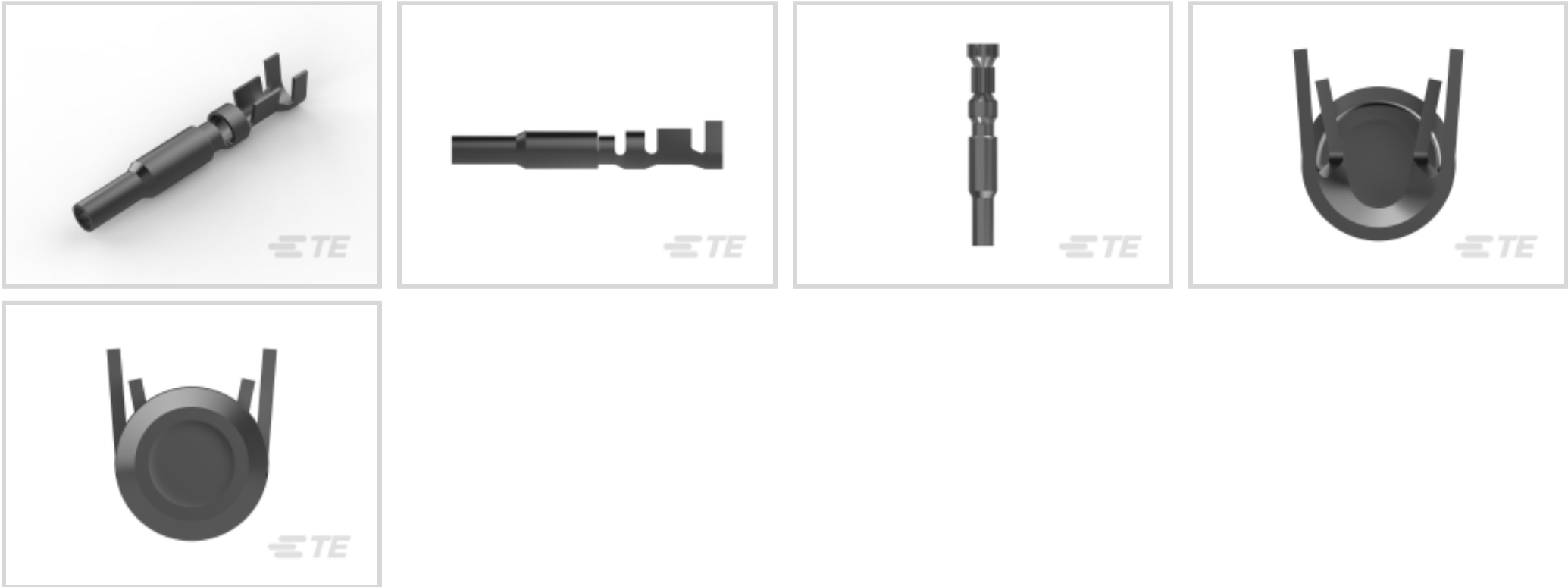




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **600 VAC**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	Without
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	7 A
Mating Pin Diameter	2.18 mm[.086 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight

Termination Features



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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.5 – 2 mm²
Compatible Insulation Diameter Range	1.52 – 3.3 mm[.06 – .13 in]

Usage Conditions

Operating Temperature Range	-55 – 120 °C[-67 – 248 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
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Packaging Features

Packaging Quantity	4000
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 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

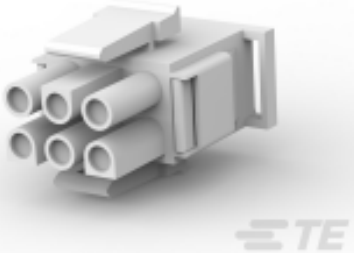
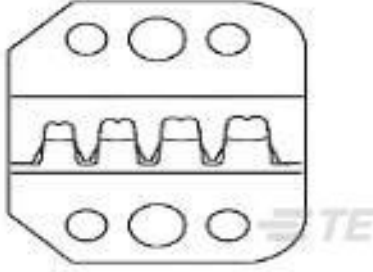
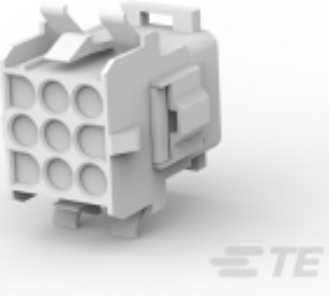
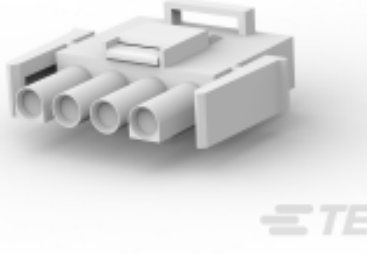
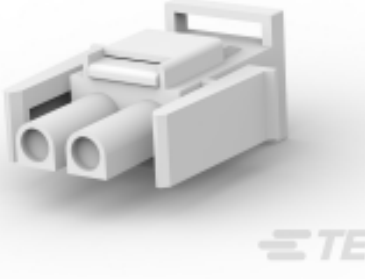
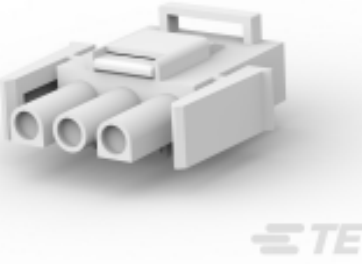
Product Compliance Disclaimer

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 # 2151024-1 OCEAN_2.0_Applicator-S-090F130F-RSM	 TE Part # 770020-1 06P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 770030-1 15P UMNLI IN-LINE CAP HSG KIT	 TE Part # 90546-2 PROCRIMPER DIE ASSY UNIV MNL
 TE Part # 91500-1 CCII UNML UNML II PIN SKT 20-14 ASSY	 TE Part # 770028-1 09P UMNLI IN-LINE CAP HSG KIT	 TE Part # 770019-1 04P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 770017-1 02P UMNLI IN-LNE PLUG HSG KIT
 TE Part # 90546-1 ASSY PRO-CRIMPER UNIV M-N-L	 TE Part # 2378745-2 SDE F UMNLI/MNL 14-20AWG DIE SET	 TE Part # 770024-1 02P UMNLI IN-LINE CAP HSG KIT	 TE Part # 770027-1 06P UMNLI IN-LINE CAP HSG KIT
 TE Part # 770018-1 03P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 770022-1 12P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 770026-1 04P UMNLI IN-LINE CAP HSG KIT



TE Part # 770016-1
05P UMNLI IN-LNE PLUG HSG KIT



TE Part # 2151024-2
OCEAN_2.0_Applicator-S-090F130F-RSA



TE Part # 2378745-1
SDE F UMNL/MNL 14-20AWG ASSY



TE Part # 770023-1
15P UMNLI IN-LNE PLUG HSG KIT

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



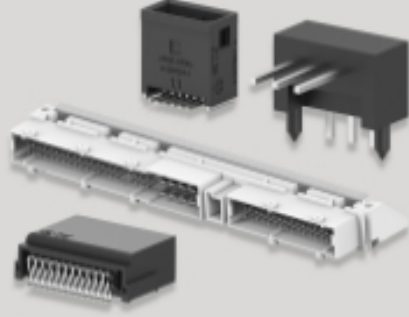
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



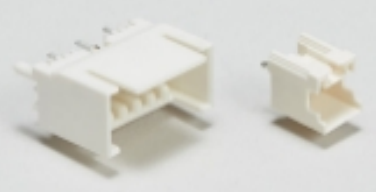
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(285)



Rectangular Power Connectors(642)



Wire-to-Board Headers & Receptacles (285)

Customers Also Bought



TE Part #61352-1
RING .197 (5.0 MM) 10-6 AWG TPBR



TE Part #330021
SPLICE,CE 22-16



TE Part #350765-4
15P UMNL HDR ASSY PC



TE Part #521011-2
ULTRA-POD 250 ASSY REC 18-14 AWG TPBR



TE Part #770017-1
02P UMNLI IN-LNE PLUG HSG KIT



TE Part #770019-1
04P UMNLI IN-LNE PLUG HSG KIT



TE Part #770024-1
02P UMNLI IN-LINE CAP HSG KIT



TE Part #770026-1
04P UMNLI IN-LINE CAP HSG KIT



Documents

Product Drawings

UMNL II SOK PTPPHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770008-3_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770008-3_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770008-3_P.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