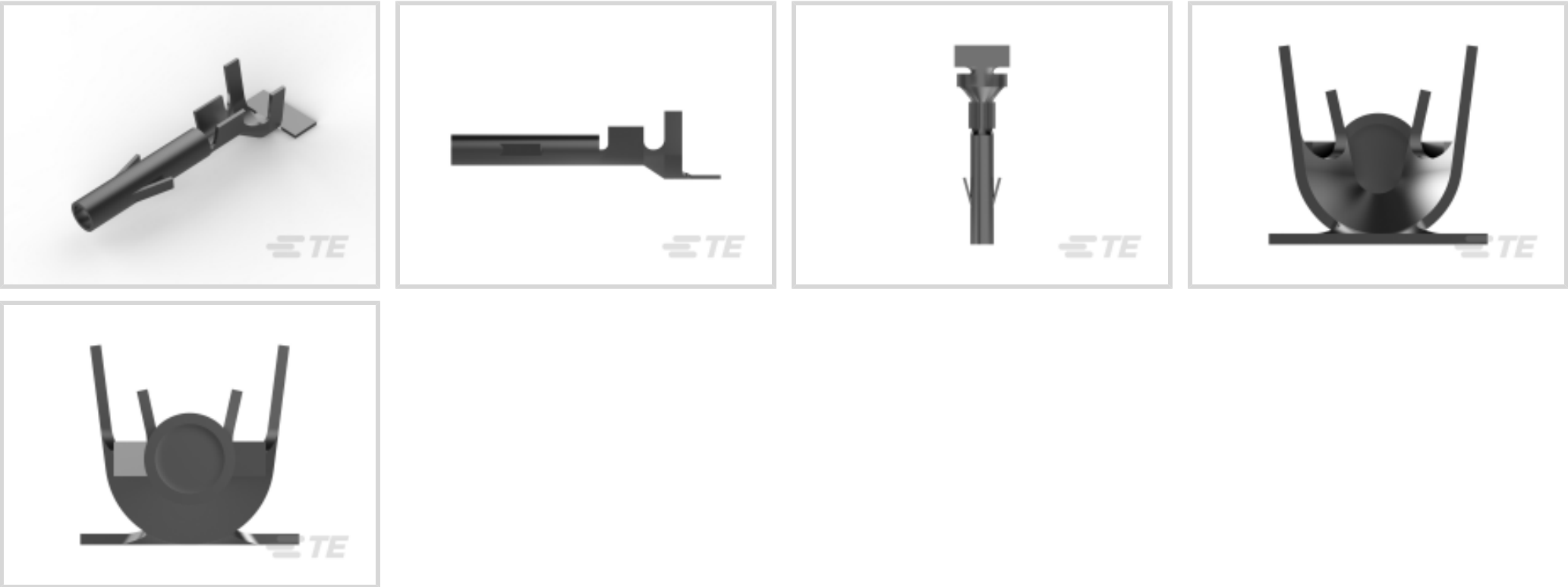




Connectors > Contacts > Connector Contacts



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
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]
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

Termination Features

Termination Method to Wire & Cable	Crimp
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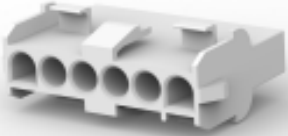
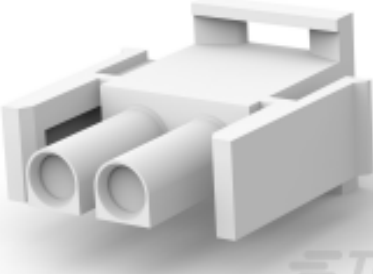
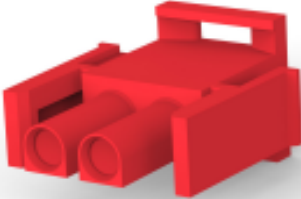
Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance
Dimensions	
Compatible Insulation Diameter Range	3.3 – 5.08 mm[.13 – .2 in]
Wire Size	.5 – 2 mm²
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Compatible With Agency/Standards Products	CSA, UL, VDE
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	2500
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 # 1-794762-9 12P UMNL CAP HSG, PAN MNT, BLACK	 TE Part # 1-2294562-1 UMNL TWIST-N-LOK, 5POS, CAP HOUSING	 TE Part # 1-350720-4 09P UMNL V0 PLUG HSG YELLOW	 TE Part # 1-794761-6 09P UMNL CAP HSG, P/MT, V0, BLUE
 TE Part # 1-480699-9 02P UMNL CAP HSG BLK	 TE Part # 1-794762-4 12P UMNL CAP HSG, PAN MNT, YELLOW	 TE Part # 1-350809-9 05P UMNL V0 PLUG HSG BLACK	 TE Part # 640582-1 08P UMNL PLUG HSG
 TE Part # 350866-1 01P UMNL CAP HSG	 TE Part # 1-794761-9 09P UMNL CAP HSG, P/MT, V0, BLACK	 TE Part # 926307-1 6P UNIV. M-N-L. CAP	 TE Part # 1-480705-0 06P UMNL CAP HSG NATL
 TE Part # 350777-4 02P UMNL PLUG HSG UL94V0	 TE Part # 1-480701-4 03P UMNL CAP HSG YELL	 TE Part # 2836716-2 OCEAN_2.0_Applicator-S-090F157OV-RSA	 TE Part # 1-350777-2 02P UMNL V0 PLUG HSG RED



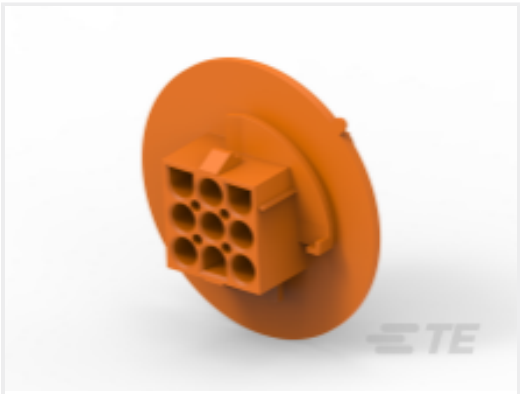
TE Part # 1-350777-9
02P UMNL V0 PLUG HSG BLACK



TE Part # 1-350778-3
02P UMNL V0 CAP HSG ORANGE



TE Part # 1-794761-2
09P UMNL CAP HSG,P/MT,V0,RED



TE Part # 1-794761-3
09P UMNL CAP HSG,P/MT,V0,ORANGE

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(208)



Connector Hardware(12)



Power Contacts(208)



Rectangular Power Connectors(651)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #1-2176056-3
RLP73M 2B R033 5% 5K RL



TE Part #350707-1
UMNL SPLIT PIN 20-14 PTPBR L/P



TE Part #2150007-1
OCEAN_2.0_Applicator-E-090F140F-REM



TE Part #350538-3
UMNL PIN 20-14 .0125 PTPPHBZ REM



TE Part #CAT-HST-FL2500
FL2500 Heat Shrink Tubing



TE Part #2-456403-6
CRIMPER, WIRE .062"F



TE Part #TAA754A1611-002
M12A5-FR-PVC-1.0M



TE Part #770040-1
09P UMNL II PLUG REAR 94VO



Documents

Product Drawings

UMNL SOK 20-14 .0125 PTPPHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350537-3_BM.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350537-3_BM.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350537-3_BM.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

Engineering Report

English

Agency Approvals

UL

English