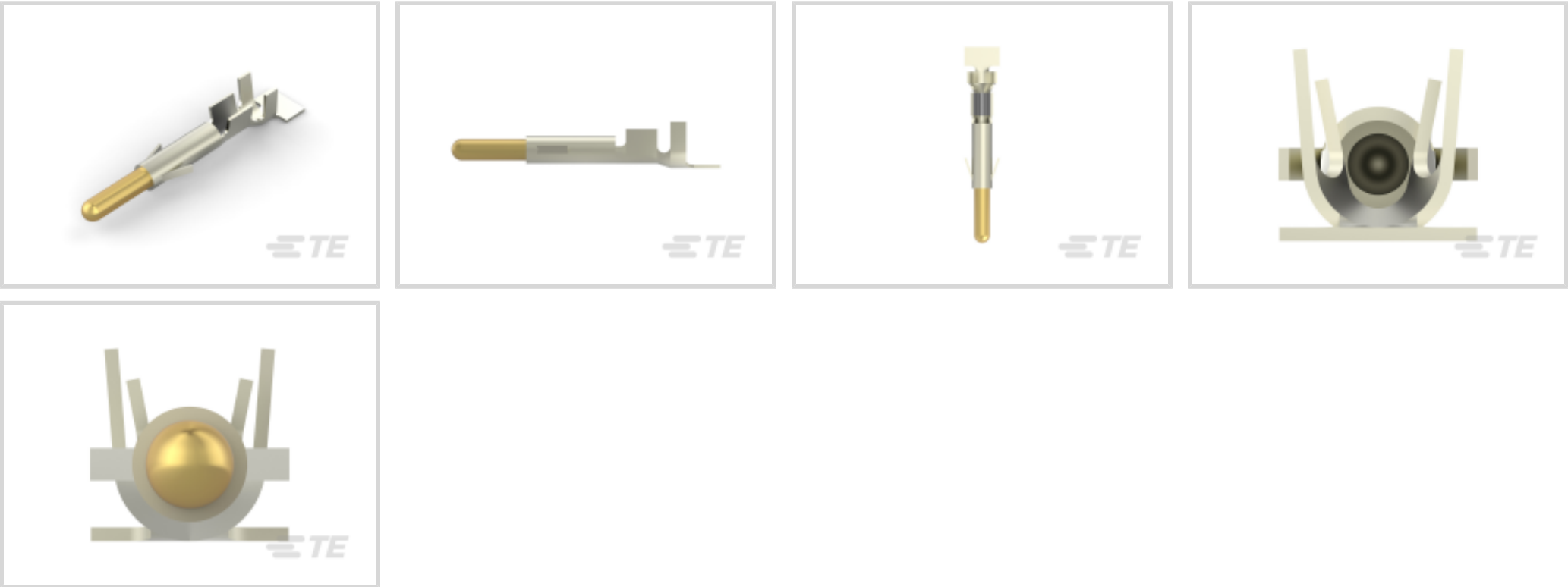




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
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 Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	2.18 mm[.086 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With



Contact Base Material	Brass
Contact Current Rating (Max)	19 A

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	1.52 – 3.3 mm[.06 – .13 in]
Wire Size	.5 – 2 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °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	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	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



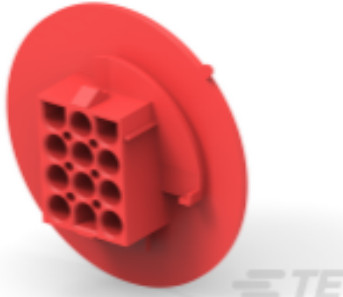
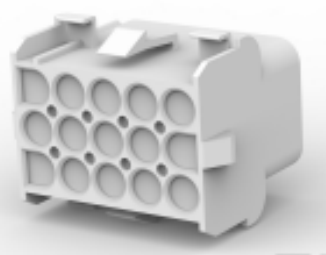
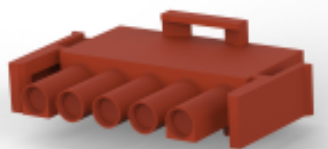
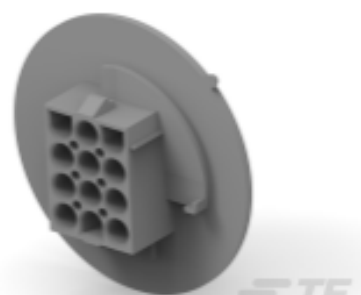
Solder Process Capability

Not applicable for solder process capability

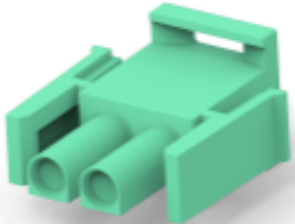
Product Compliance Disclaimer

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>

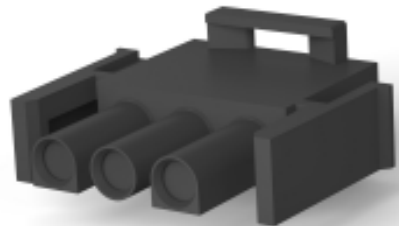
Compatible Parts

 TE Part # 1-350766-3 03P UMNL V0 PLUG HSG ORANGE	 TE Part # 794762-3 12P UMNL CAP HSG RED, PAN MNT	 TE Part # 350720-1 09P UMNL PLUG HSG	 TE Part # 1-480706-2 09P UMNL PLUG HSG RED
 TE Part # 350784-1 15P UMNL CAP HSG	 TE Part # 480763-1 05P UMNL PLUG HSG BRN	 TE Part # 1-350766-5 03P UMNL V0 PLUG HSG GREEN	 TE Part # 1-480708-2 12P UMNL PLUG HSG RED
 TE Part # 350783-1 12P UMNL CAP HSG	 TE Part # 5-2151500-1 OCEAN_2.0_APPLICATOR-S-090F130F-RSM	 TE Part # 1-794762-8 12P UMNL CAP HSG,PAN MNT,GRAY	 TE Part # 1-350720-1 09P UMNL V0 PLUG HSG BROWN

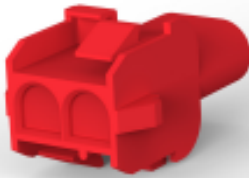




TE Part # 1-350777-5
02P UMNL V0 PLUG HSG GREEN



TE Part # 1-350766-9
03P UMNL V0 PLUG HSG BLACK



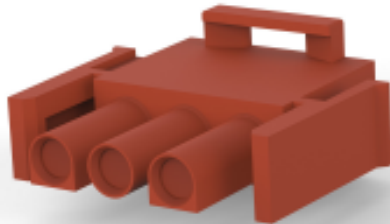
TE Part # 1-350778-2
02P UMNL V0 CAP HSG RED



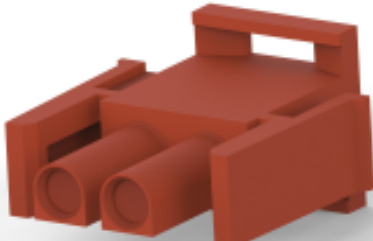
TE Part # 1-350778-9
02P UMNL V0 CAP HSG BLACK



TE Part # 1-350735-1
12P UMNL V0 PLUG HSG BROWN



TE Part # 1-350766-1
03P UMNL V0 PLUG HSG BROWN



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



TE Part # 1-350867-0
01P UMNL PLUG HSG NATL

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 #1-747562-0
OVRMLD,RCPT ASSY,37P,HDE



TE Part #66100-9
III+ SKT,18-16,30AU/FL,STRIP



TE Part #213906-1
CPC PLUG ASSY,SRS 6,SZ 17-10



TE Part #917241-6
DYNAMIC D-3500 WTW TAB HSG 12P





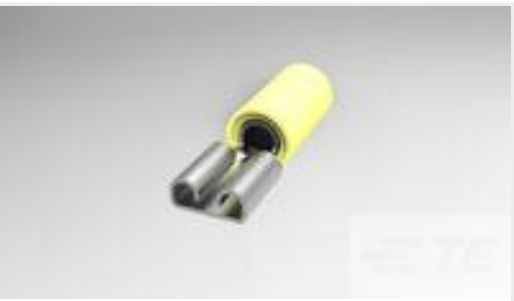
TE Part #NB20164001
VERSAFIT-1/8-0-SP



TE Part #1-1393243-8
RTE24730



TE Part #62321-1
110 FASTON FLAG REC 22-16 AWG
TPBR



TE Part #640907-1
RECEPT,PIDG FASTON 12-10 250



TE Part #1116503-2
MJ,10MM,8P,SHLD,NOPNL TABS,SN



TE Part #202508-1
CONTACT SOCKET ASSY.

Documents

Product Drawings

UMNL GROUNDING PIN AUBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350654-7_AK.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350654-7_AK.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350654-7_AK.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