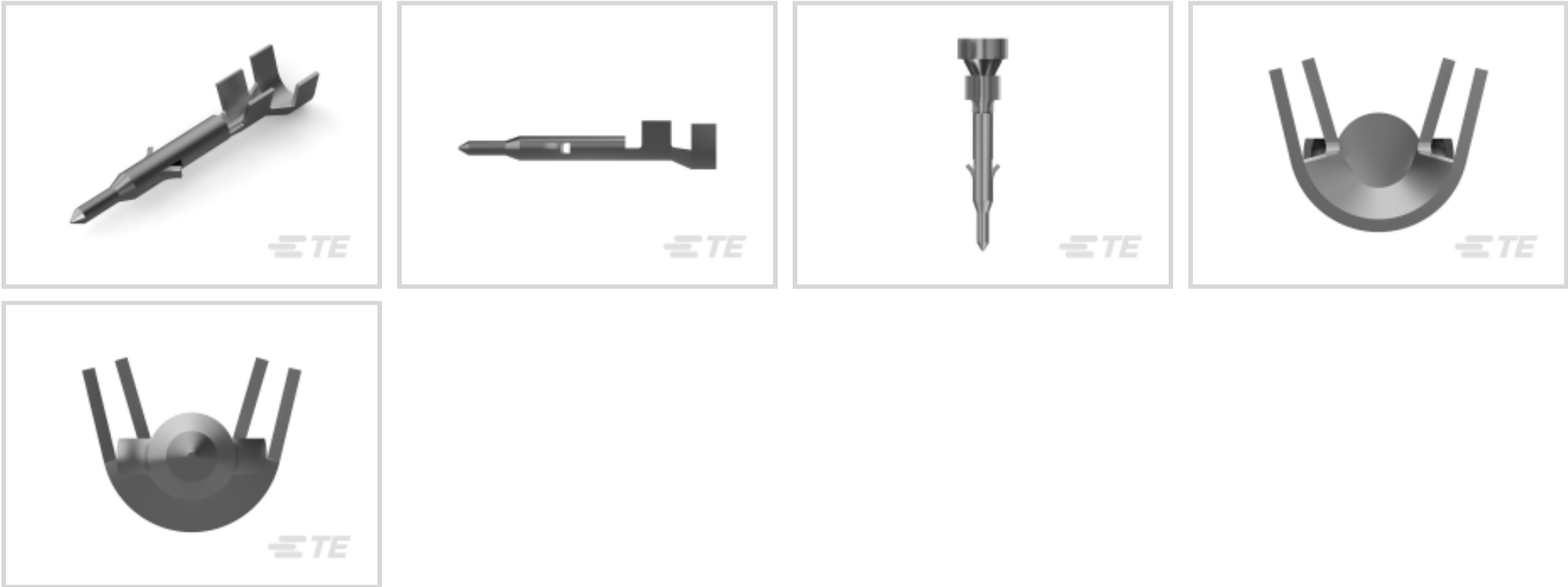




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	1 mm[.039 in]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	2.54 – 6.35 µm[100 – 250 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	11.2 A



Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	2 – 3.2 mm[.079 – .126 in]
Wire Size	.5 – 1.4 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
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Packaging Features

Packaging Quantity	4500
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

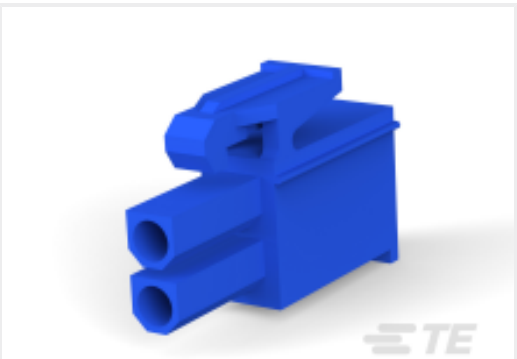
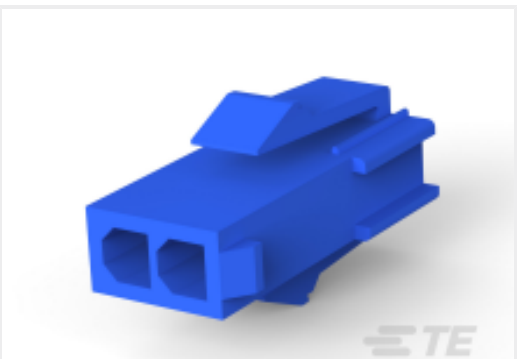
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

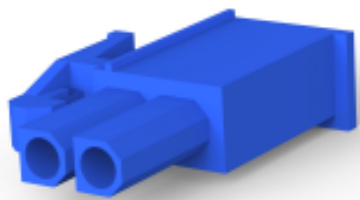
Product Compliance Disclaimer



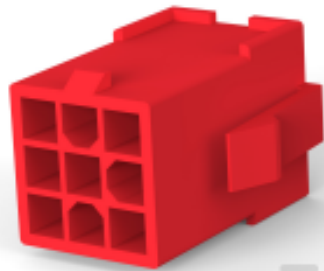
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

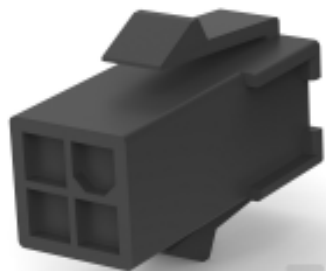
 TE Part # 1-172164-2 MINI UNIVERSAL M-N-L PLUG 1P	 TE Part # 5-2151372-1 OCEAN-2.0-APPLICATOR-S-070F130O-RSM	 TE Part # 1-172169-2 MINI UNIVERSAL M-N-L PLUG 9P	 TE Part # 1-172158-2 MINI-U-M-N-L 3P CAP RED
 TE Part # 1-172158-6 MINI-U-M-N-L 3P CAP BLUE	 TE Part # 1-172336-2 UNIVERSAL MATE-N-LOK PLUG 2P	 TE Part # 1-172330-9 UNIVERSAL MATE-N-LOK CAP 4P	 TE Part # 1-172336-6 UNIVERSAL MATE-N-LOK PLUG 2P
 TE Part # 172162-1 12 CIR UNIV M-N-L CAP	 TE Part # 172166-1 3 CIR UNIV M-N-L PLUG	 TE Part # 2151372-2 OCEAN-2.0-APPLICATOR-S-070F130O-RSA	 TE Part # 2151372-1 OCEAN-2.0-APPLICATOR-S-070F130O-RSM
 TE Part # 172327-1 UNIV M-N-L HSG	 TE Part # 172332-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 9P	 TE Part # 172344-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P	 TE Part # 1-172157-6 2CIR MINI U-M-N-L CAP BLUE



TE Part # 1-172165-6
2CIR MINI U-M-N-L PLUG BLUE



TE Part # 1-172332-9
MUMNL PM CAP 9P



TE Part # 1-172159-9
MINI UNIVERSAL M-N-L CAP 4P



TE Part # 172328-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P

Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



Power Contacts(89)



Rectangular Connector Housings(104)



Rectangular Power Connectors(196)



Standard Rectangular Connectors(104)

Customers Also Bought



TE Part #1-1623730-7
BCHE 4 W 3R3 10%



TE Part #5-2232264-3
PTL 2X3 CAP PANEL MT GLW WIRE KEY A DGR



TE Part #62898-1
MAG-MATE POKE-IN TAB 020 TPBR



TE Part #CAT-P87074-P729
POWER TRIPLE LOCK Plug, Standard Temperature



TE Part #456410-3
CRIMPER WIRE .130 F



TE Part #456134-6
CRIMPER, INSULATION "F"(<.180")



TE Part #1718762-3
MCON 1.2 LL TAB SWS AG



ANVIL
REPRESENTATION ONLY

TE Part #5-653590-2
AMBOSS



Documents

Product Drawings

MINI UMNL CONT 20-16AWG SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794406-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794406-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794406-1_D.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_794406-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_794406-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_794406-1_B.2d_dxf.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

CIRCULAR_SEALED_LIGHTING_CONNECTOR

English



Product Specifications

Product Specification

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