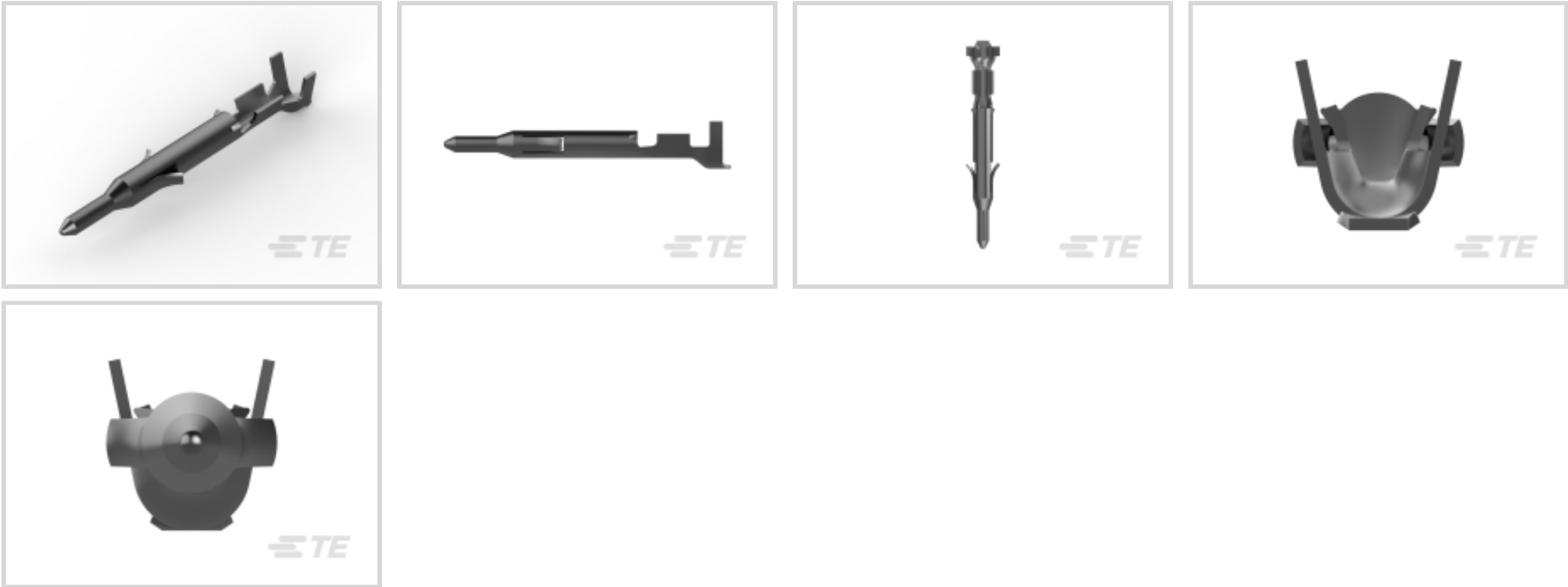




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **600 VDC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **26 – 22 AWG**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	7 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1 mm[.039 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Material Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Material	Pre-Tin



Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without
Dimensions	
Wire Size	.12 – .35 mm ²
Accepts Wire Insulation Diameter Range	1.19 – 1.75 mm[.047 – .069 in]
Usage Conditions	
Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
CSA Rating	Certified
Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	No
Agency/Standard	CSA, UL
CSA File Number	LR 7189
UL Rating	Recognized
UL File Number	E28476
Packaging Features	
Packaging Method	Reel
Packaging Quantity	6000
Other	
Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Plug or Cap Housing



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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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 Model / Part # 91529-1
CERTICRIMP 2,SAHT MINI UMNL

TE Model / Part # 90758-1
PROCrimp TL W/DIE MIN UNIV MNL

TE Model / Part # 455830-1
INSERTION TOOL

TE Model / Part # 1-172157-9
2CIR MINI U-M-N-L CAP BLCK

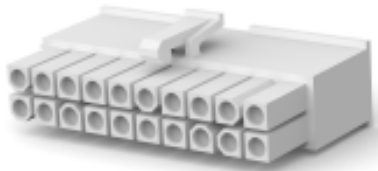
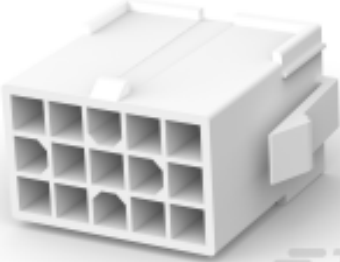
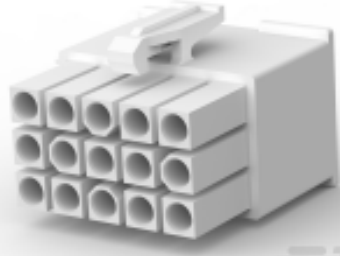
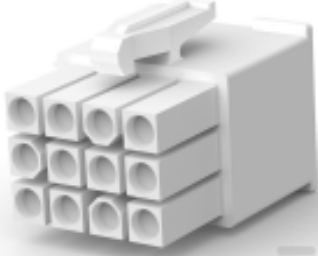
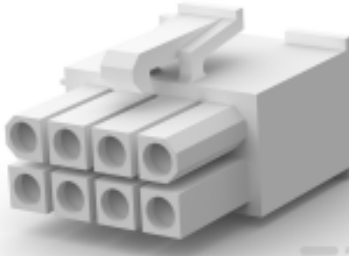
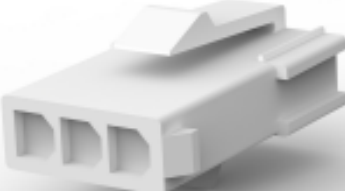
TE Model / Part # 189727-1
EXTRACTION TOOL

TE Model / Part # 1-172331-2
UNIVERSAL MATE-N-LOK CAP 6P

TE Model / Part # 770587-1
24P MINI UMNL PLUG HSG

TE Model / Part # 172335-1
MINI UMNL PLUG HOUSING 1P



 TE Model / Part # 770586-1 22P MINI UMNL PLUG HSG	 TE Model / Part # 770585-1 20P MINI UMNL PLUG HSG	 TE Model / Part # 172341-1 MINI UMNL PLUG HOUSING 12P	 TE Model / Part # 770582-1 14P MINI UMNL PLUG HSG
 TE Model / Part # 172334-1 MINI UMNL CAP HOUSING 15P	 TE Model / Part # 770581-1 12P MINI UMNL PLUG HSG	 TE Model / Part # 172340-1 MINI UMNL PLUG HOUSING 9P	 TE Model / Part # 770580-1 10P MINI UMNL PLUG HSG
 TE Model / Part # 172342-1 MINI UMNL PLUG HOUSING 15P	 TE Model / Part # 172170-1 12 CIR UNIV M-N-L PLUG	 TE Model / Part # 770579-1 08P MINI UMNL PLUG HSG	 TE Model / Part # 172329-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P

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

 Connector Contacts(11)	 Power Contacts(85)	 Rectangular Backshells & Clamps(2)	 Rectangular Boots & Strain Relief(2)
 Rectangular Connector Keying Plugs(2)	 Rectangular Connector Seals(18)	 Rectangular Power Connectors(284)	 Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



TE Model / Part #172171-1
15 CIR UNIV M-N-L PLUG



TE Model / Part #172169-1
9 CIR UNIV M-N-L PLUG



TE Model / Part #172161-1
9 CIR UNIV M-N-L CAP



TE Model / Part #171822-3
EIS REC. HSG 3P-NATURAL



TE Model / Part #171822-2
EIS REC. HSG 2P-NATURAL



TE Model / Part #170262-2
EIS CONTACT



TE Model / Part #170262-1
EIS CONTACT



TE Model / Part #170360-1
UNIV M-N-L PIN 22-18 AWG



TE Model / Part #170361-1
UNIV M-N-L SOC. 26-22 AWG



TE Model / Part #170362-1
UNIV M-N-L SOC. 22-18 AWG

Documents

Product Drawings
UNIV M-N-L PIN 26-22 AWG

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_170359-1_N_c-170359-1-n.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_170359-1_N_c-170359-1-n.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_170359-1_N_c-170359-1-n.3d_stp.zip
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Application Specification

English

Mini U-M-N-L pin etc. - restricted for IMETEC

English

Crimping of Mini-Universal MATE-N-LOK Contact

Japanese

Application Specification

Japanese

Product Environmental Compliance

MD_170359-1_07112016212_dmtec

English

MD_170359-1_07112016212_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Mini-Universal MATE-N-LOK Connector

Japanese

Agency Approvals

Agency Approval Document

English