



MATE-N-LOK | Mini-Universal MATE-N-LOK

TE Internal #: 170359-3

Pin Contact, Gold, 600 VAC, 600 VDC, 26 - 22 AWG Wire Size, .12 - .35 mm² Wire Size, Crimp, Brass, Power, Mini-Universal MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold**

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

Mating Pin Diameter	1 mm[.039 in]
Wire Contact Termination Area Plating Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Base Material	Brass



Contact Current Rating (Max)	7 A
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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	1.19 - 1.75 mm [.047 - .069 in]
Wire Size	.12 - .35 mm ²

Usage Conditions

Operating Temperature Range	-20 - 105 °C [-4 - 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	6000
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

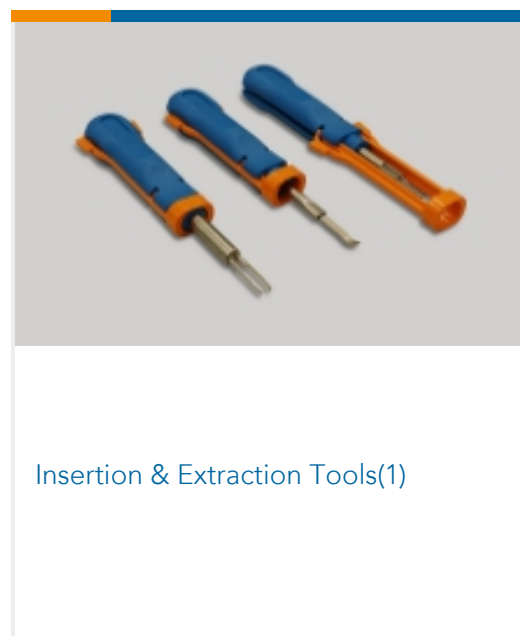
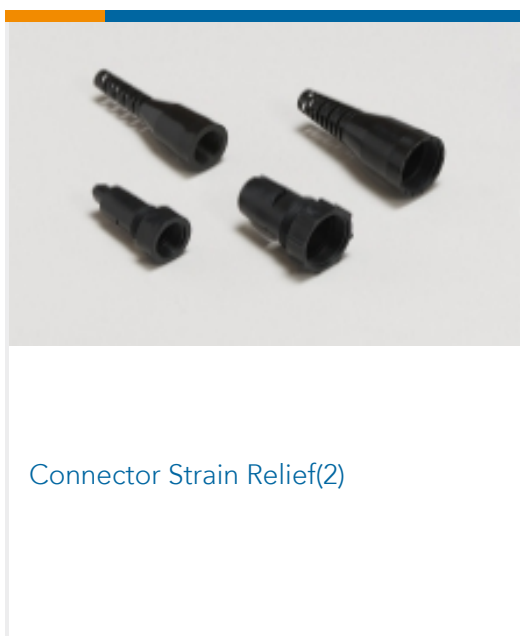
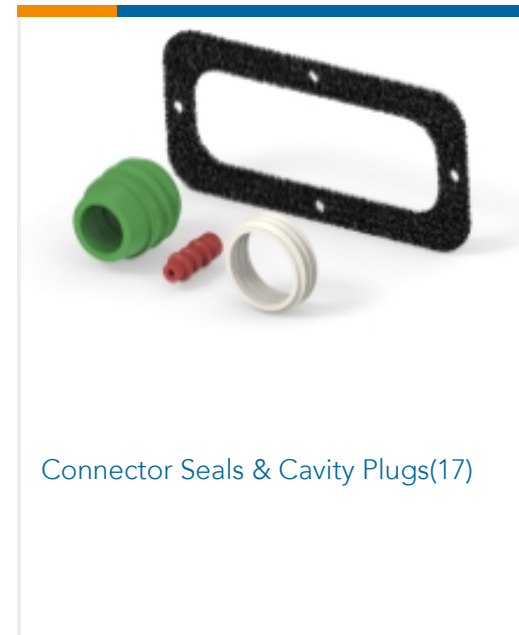
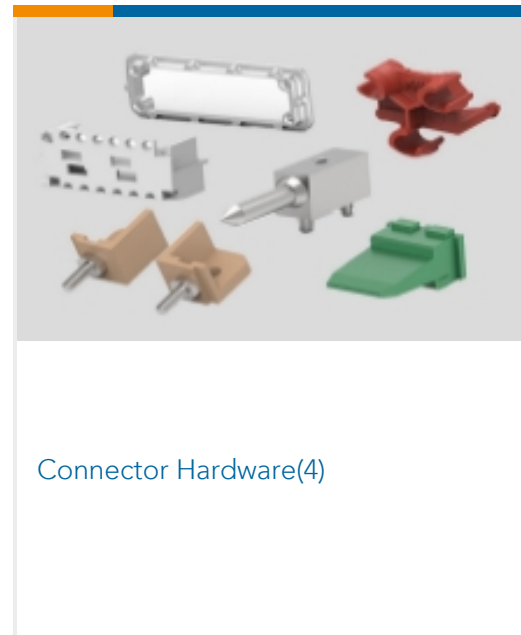
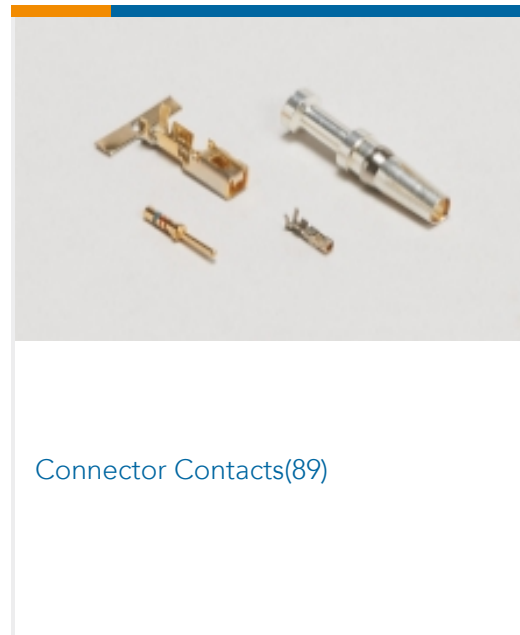
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 91529-1 CCII MINI-UMNL PIN 26-22 ASSY</p>	 <p>TE Part # 90758-2 PROCRIMP DIE MINI UNIV MNL</p>	 <p>TE Part # 189727-1 EXTRACTION TOOL</p>	 <p>TE Part # 455830-1 INSERTION TOOL</p>
 <p>TE Part # 770586-1 22P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770587-1 24P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770582-1 14P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770585-1 20P MINI UMNL PLUG HSG</p>
 <p>TE Part # 172333-1 MINI UNIVERSAL M-N-L HOUSING</p>	 <p>TE Part # 770581-1 12P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770580-1 10P MINI UMNL PLUG HSG</p>	 <p>TE Part # 770584-1 18P MINI UMNL PLUG HSG</p>
 <p>TE Part # 172328-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P</p>	 <p>TE Part # 172330-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 4P</p>	 <p>TE Part # 172344-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P</p>	 <p>TE Part # 172170-1 12 CIR UNIV M-N-L PLUG</p>



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



Customers Also Bought





Documents

Product Drawings

MINI UNIVERSAL M-N-L PIN

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170359-3_N_c-170359-3-n.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170359-3_N_c-170359-3-n.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170359-3_N_c-170359-3-n.3d_stp.zip](#)

English

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

Product Specifications

Crimping of Mini-Universal MATE-N-LOK Contact

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Mini-Universal MATE-N-LOK Connector

Japanese