



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

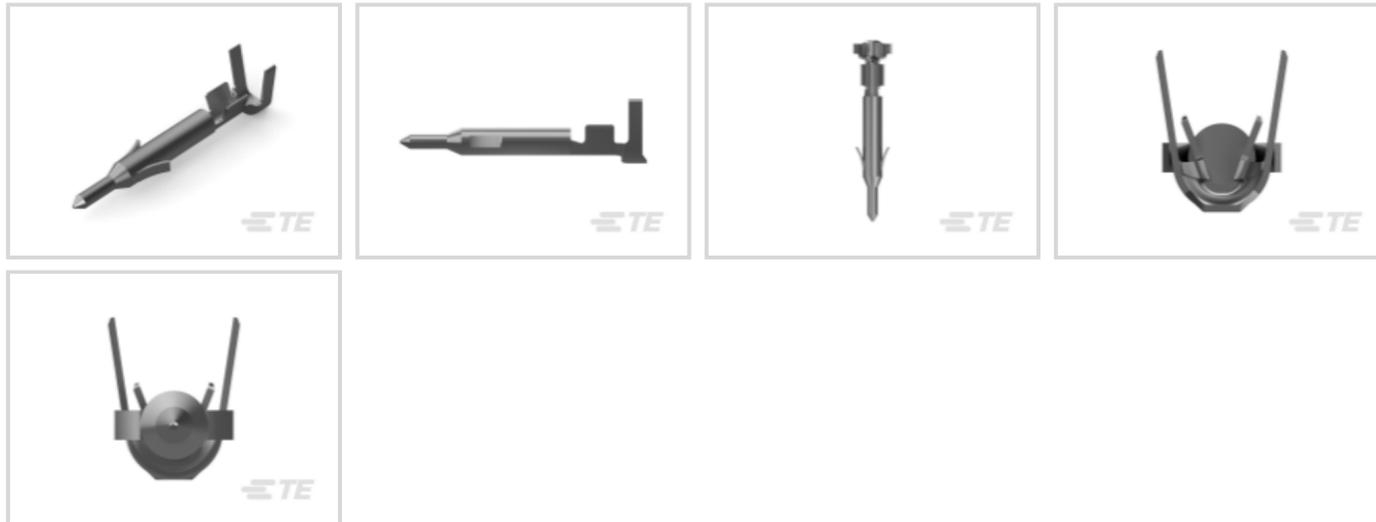
TE Internal #: 170360-1

Tin (Sn), Pin Contact, 22 – 18 AWG, 600 VAC, 600 VDC, .3 – .89 mm²

Wire, Crimp, Brass, Power, -20 – 105 °C [-4 – 221 °F], Mini-Universal MATE-N-LOK

[View on TE.com >](#)

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
--------------------	----------

Electrical Characteristics

Operating Voltage	600 VDC
-------------------	---------

Contact Features

Barrel Type	Open
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)	7 A
Mating Pin Diameter	1 mm [.039 in]
Contact Mating Area Plating Material Thickness	.8 μm [31.49 μin]
Wire Contact Termination Area Plating Thickness	.8 μm [31.49 μin]
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
---------------------	----------

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
-------------------------	---------

Dimensions

Wire Size	.3 – .89 mm ²
Compatible Insulation Diameter Range	3.4 mm [.134 in]

Usage Conditions

Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
---	---------

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Product Compliance

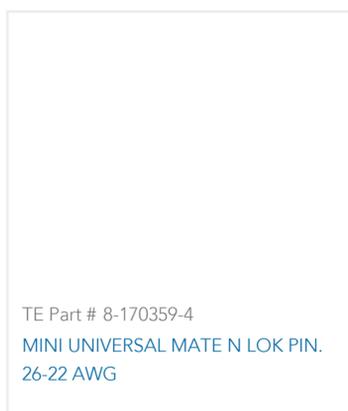
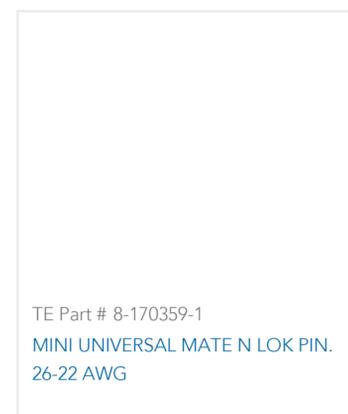
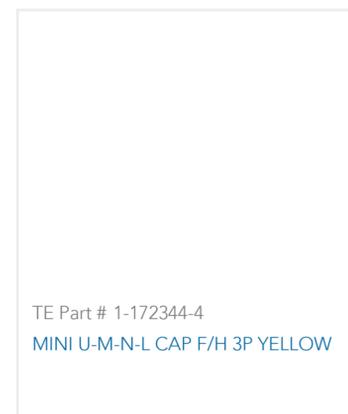
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

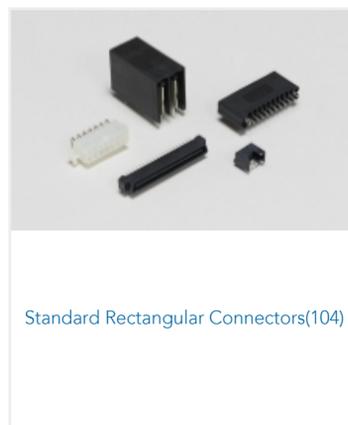
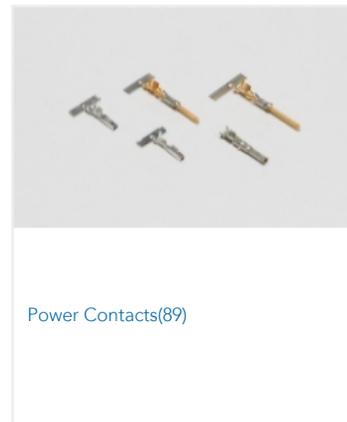
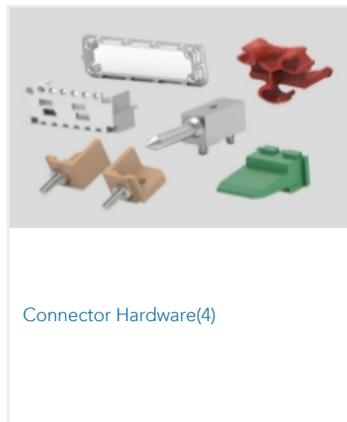
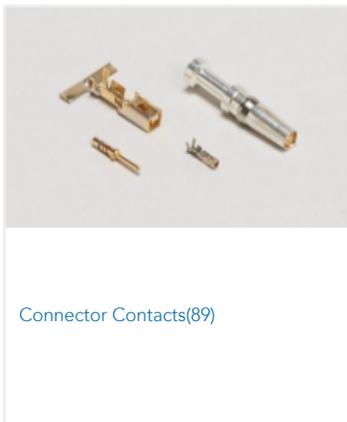
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





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



Customers Also Bought

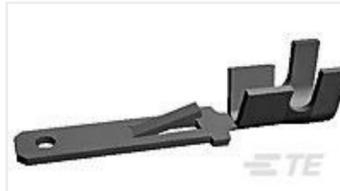




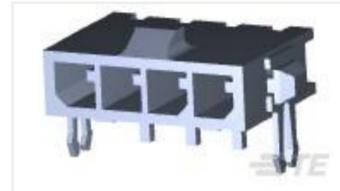
TE Part #1-770835-0
MINI UMNL PIN AU LF



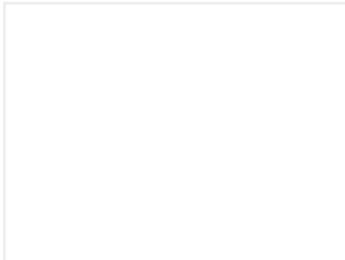
TE Part #5-825457-0
MOD 2 PIN HEADER



TE Part #962825-2
FF 250 TAB 24-20 AWG .016 TPPB



TE Part #2-1445054-4
MICRO MNL HDR ASSY S/ROW LF



TE Part #5611390001
TMS-SCE-3/16-2.0-S3-9



TE Part #T2080142201-003
HQ-4/4/6-F HYBRID INSERT WITH PE 2.5MM2

Documents

Product Drawings

UNIV M-N-L PIN 22-18 AWG

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_170360-1_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_170360-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_170360-1_H.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

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

[Instruction Sheet \(non U.S.\)](#)

English

[MINI UNIVERSAL MATE-N-LOK CONNECTOR](#)

English

[Agency Approvals](#)

[UL Report](#)

English