

MATE-N-LOK

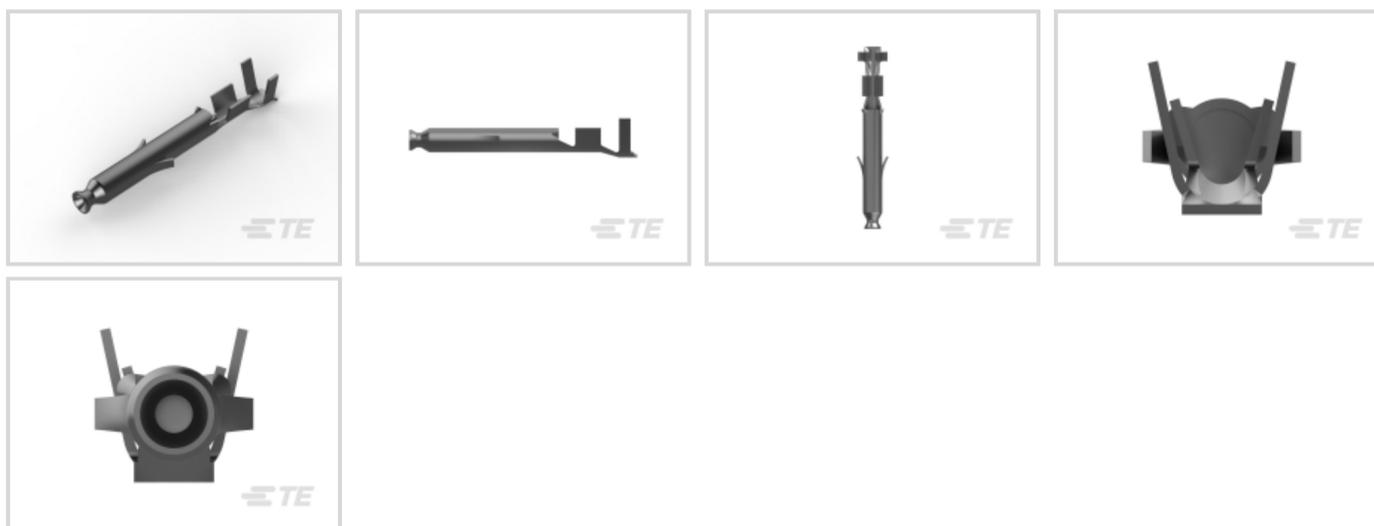
| Mini-Universal MATE-N-LOK, Mini Circular Plastic Connectors

TE Internal #: 770902-4

Tin (Sn), Socket Contact, 26 – 22 AWG, 600 VAC, 600 VDC, .12 – .4 mm² Wire, Crimp, Phosphor Bronze, Power, Mini-Universal MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts

Contact Type: **Socket**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

Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	11.2 A
Mating Pin Diameter	1 mm [.039 in]
Wire Contact Termination Area Plating Thickness	.4 μm [15.74 μin]
Wire Contact Termination Area Plating Material Finish	Bright
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	.12 – .4 mm ²
Compatible Insulation Diameter Range	1.19 – 1.75 mm [.047 – .069 in]

Usage Conditions

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

Operation/Application

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

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	7000
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 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 # 1586404-1
16P MINI UMNL CAP HSG SEALED



TE Part # 172167-1
4 CIR UNIV M-N-L PLUG



TE Part # 172164-1
1 CIR UNIV M-N-L PLUG



TE Part # 1445817-1
PLUG,11-8,SM INS,STD KEY



TE Part # 1445818-1
PLUG,11-7,SM INS,STD KEY



TE Part # 1445819-3
PLUG,11-6,LG INS,STD KEY



TE Part # 1445819-1
PLUG,11-6,SM INS,STD KEY

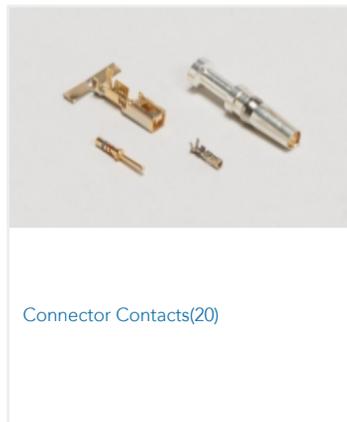


TE Part # 1445821-1
REC,11-8,FLNG MT,SM INS,STD KE

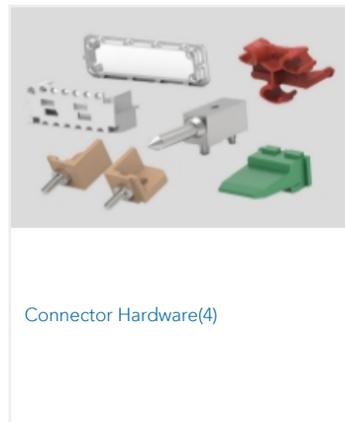
Also in the Series | **Mini-Universal MATE-N-LOK**



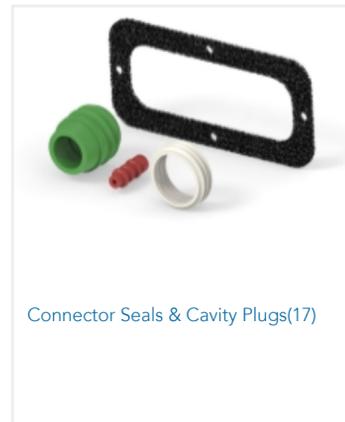
Connector Caps & Covers(2)



Connector Contacts(20)



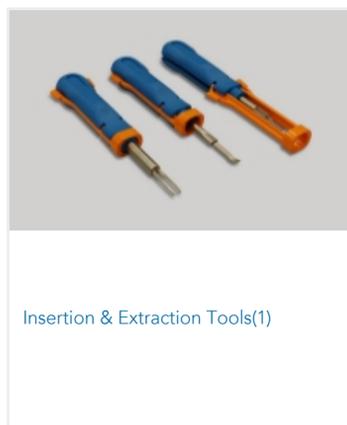
Connector Hardware(4)



Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Rectangular Power Connectors(196)



Wire-to-Board Headers & Receptacles (93)

Also in the Series | **Mini Circular Plastic Connectors**



Circular Power Connectors(40)

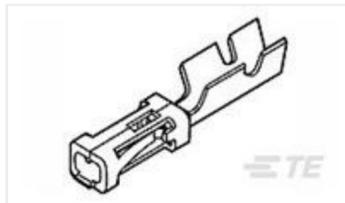


Connector Contacts(20)



Power Contacts(20)

Customers Also Bought

TE Part #60620-4
CMNL PIN 20-14 TPPHBZ L/PTE Part #61407-3
187 FASTON TPBRTE Part #87523-5
MOD IV RECP PLTD SNTE Part #770901-1
MINI UMNL PIN 26-22 AWG SNTE Part #969028-5
TAB A 1.6x0.6 CONTACT CS SWS AgTE Part #CAT-H3399-CH8172
Heavy-Duty Sealed Connector Series
HousingsTE Part #1670057-1
COVER MIXED,90,CODATE Part #2176463-5
HCH165 200W 47R 5% LEADTE Part #2176503-6
CJP 80W 1R5 5% Lead

Documents

Product Drawings

[MINI UMNL SOCK 26-22 AWG SN](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_770902-4_T.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_770902-4_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770902-4_T.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications Continued](#)

English

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Product Specification](#)

English

Instruction Sheets

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

English