794058-1 ✔ ACTIVE

MATE-N-LOK

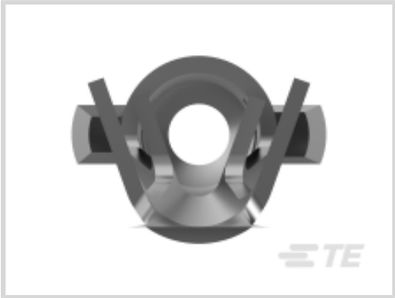
| Mini-Universal MATE-N-LOK, Mini Circular Plastic Connectors

TE Internal #: 794058-1

Tin (Sn), Socket Contact, 30 – 26 AWG, 600 VAC, 600 VDC, .05 – .15 mm² Wire, Crimp, Brass, 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	Brass
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	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	.05 – .15 mm²
Compatible Insulation Diameter Range	.89 – 1.27 mm[.035 – .05 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

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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: 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

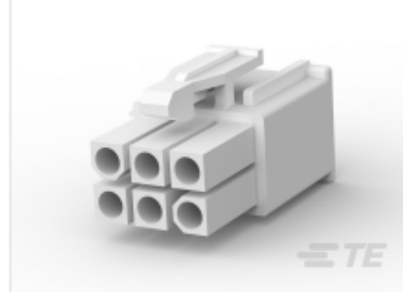
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-172156-2
1 POS SR MINI UNIV

TE Part # 1-172338-4
MINI U-M-N-L PLUG 4P YELLOW

TE Part # 189727-1
EXTRACTION TOOL



TE Part # 172168-1
6 CIR UNIV M-N-L PLUG

TE Part # 1-172338-2
4CIR MINI-UMNL PLUG RED

TE Part # 1-172167-2
4 POS DR MINI UNIV

TE Part # 1-172233-2
2 POS MINI UNIV FREE HANG RED

TE Part # 172157-1
2CIR MINI U-M-N-L CAP NATL

TE Part # 172334-1
MINI UMNL CAP HOUSING 15P

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

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

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

TE Part # 1445535-1
PLUG,8-2,LG INS,STD KEY

TE Part # 1-172171-9
15 POS TR MINI UNIV

TE Part # 1-172163-9
MINI UNIVERSAL M-N-L CAP 15P

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

TE Part # 1445824-1
REC,11-5,FLNG MT,SM INS,STD KE

TE Part # 172234-1
3P MINI UNIVERSAL MATE-N-LOK CAP HOUSING

TE Part # 172333-1
MINI UNIVERSAL M-N-L HOUSING

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

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

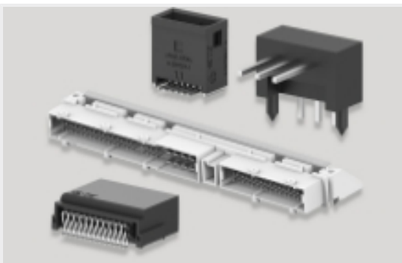
Connector Caps & Covers(2)

Connector Contacts(20)

Connector Seals & Cavity Plugs(17)

Connector Strain Relief(2)

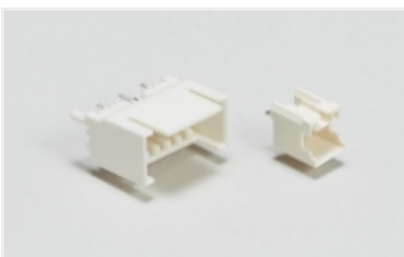
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)

Power Contacts(20)

Rectangular Power Connectors(196)



Wire-to-Board Headers & Receptacles (93)

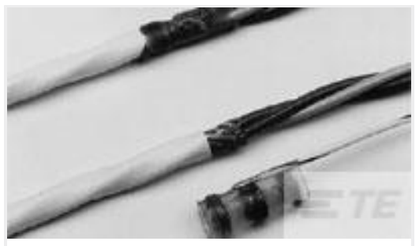
Also in the Series | Mini Circular Plastic Connectors

Circular Power Connectors(40)

Connector Contacts(20)

Power Contacts(20)

Customers Also Bought



TE Part #403289-000
CWT-3

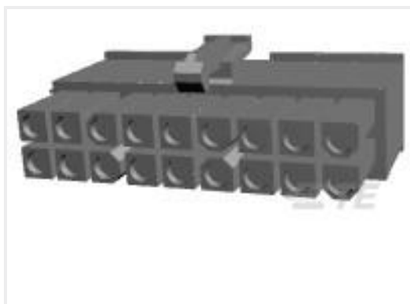
TE Part #CAT-T3437-M8791
MP Metalized Polyester Labels

TE Part #800562-SF
FN2060-20-06

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

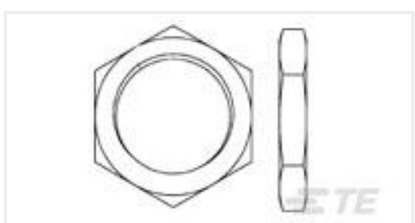
TE Part #172166-1
3 CIR UNIV M-N-L PLUG

TE Part #770579-1
08P MINI UMNL PLUG HSG



TE Part #770584-1
18P MINI UMNL PLUG HSG

TE Part #794894-1
02P MINI UMNL PLUGS WIRE HOLES



TE Part #1604196-1
NUT,JAM,5/8-24,PKG QTY 100

Documents

Product Drawings

MINI UMNL SOK L/P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_794058-1_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_794058-1_G1.3d_stp.zip

English

Customer View Model

ENG_CVM_794058-1_G1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794058-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794058-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794058-1_C.3d_stp.zip

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English