770902-4 ✔ ACTIVE

MATE-N-LOK

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

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 mm²
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	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 # 1-172338-4
MINI U-M-N-L PLUG 4P YELLOW



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



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



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



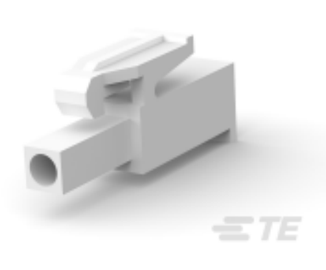
TE Part # 1445821-1
REC,11-8,FLNG MT,SM INS,STD KE



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



TE Part # 189727-1
EXTRACTION TOOL



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



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



TE Part # 172163-1
15 CIR UNIV M-N-L CAP



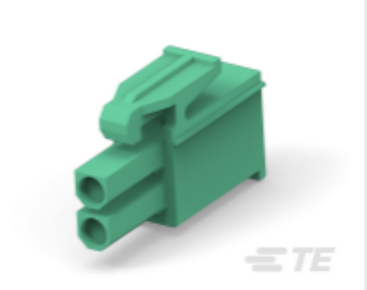
TE Part # 172338-1
MINI UMNL PLUG HOUSING 4P



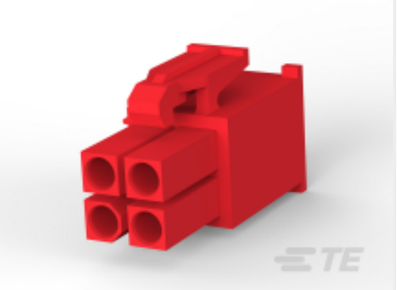
TE Part # 172234-1
3P MINI UNIVERSAL MATE-N-LOK CAP HOUSING



TE Part # 1-172167-9
4 POS SR MINI UNIV



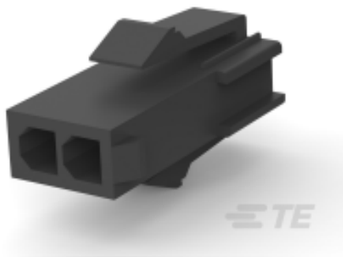
TE Part # 1-172165-5
2CIR MINI U-M-N-L PLUG GREN



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



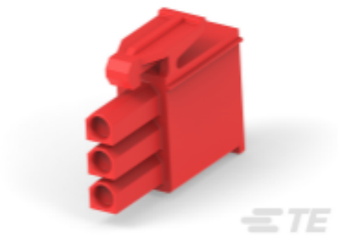
TE Part # 1-172171-9
15 POS TR MINI UNIV



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



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



TE Part # 1-172166-2
MINI-U-M-N-L 3P PLUG RED



TE Part # 1586404-1
16P MINI UMNL CAP HSG SEALED

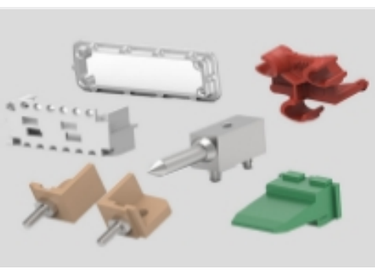
Also in the Series | Mini-Universal MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(20)



Connector Hardware(4)



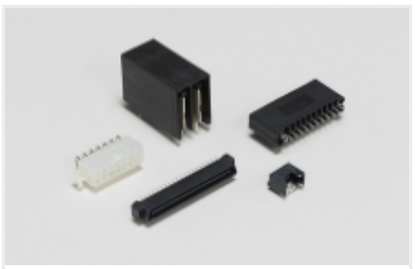
Power Contacts(20)



Rectangular Connector Housings(104)



Rectangular Power Connectors(196)



Standard Rectangular Connectors(104)

Also in the Series | Mini Circular Plastic Connectors



Circular Power Connectors(40)



Connector Contacts(20)

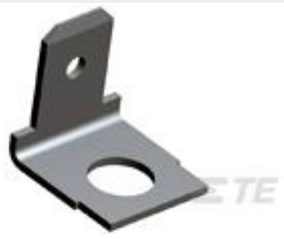


Power Contacts(20)

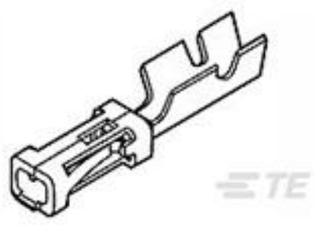
Customers Also Bought



TE Part #60620-4
CMNL PIN 20-14 TPPHBZ L/P



TE Part #61407-3
187 FASTON TPBR



TE Part #87523-5
MOD IV RECP PLTD SN



TE Part #770901-1
MINI UMNL PIN 26-22 AWG SN



TE Part #969028-5
TAB A 1.6x0.6 CONTACT CS SWS Ag



TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



TE Part #1670057-1
COVER MIXED,90,CODA



TE Part #2176463-5
HCH165 200W 47R 5% LEAD



TE 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