770834-4 ✔ ACTIVE

MATE-N-LOK

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

TE Internal #: 770834-4

Tin (Sn), Socket Contact, 30 – 26 AWG, 600 VAC, 600 VDC, .05 – .15 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	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
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Product Compliance

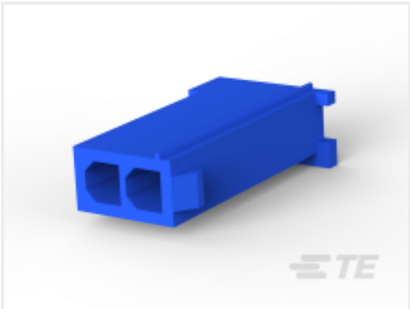
For compliance documentation, visit the product page on TE.com>

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

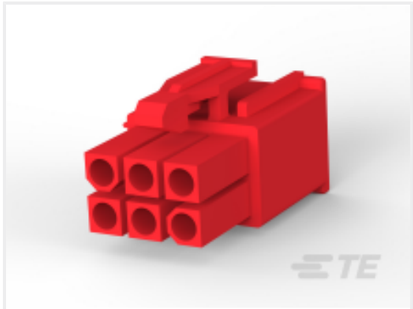
Product Compliance Disclaimer

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 # 1-172233-6
2 POS MINI UNIV FREE HANG BLUE



TE Part # 1-172168-2
MINI UNIVERSAL M-N-L PLUG 6P



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



TE Part # 172340-1
MINI UMNL PLUG HOUSING 9P



TE Part # 172159-1
4 CIR UNIV M-N-L CAP



TE Part # 1445807-1
PLUG,11-9,SM INS,STD KEY



TE Part # 1445829-3
REC,11-5,FRE HNG,LG INS,STD KE



TE Part # 1445827-1
REC,11-7,FRE HNG,SM INS,STD KE



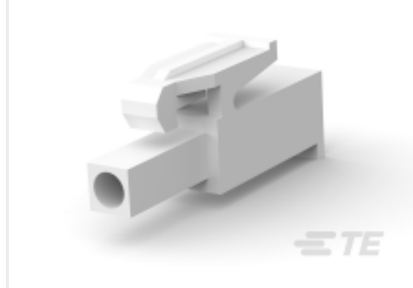
TE Part # 172170-1
12 CIR UNIV M-N-L PLUG



TE Part # 172329-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P



TE Part # 172337-1
MINI UMNL PLUG HOUSING 3P



TE Part # 172335-1
MINI UMNL PLUG HOUSING 1P



TE Part # 172341-1
MINI UMNL PLUG HOUSING 12P



TE Part # 172336-1
2P MINI UMNL PLUG HOUSING



TE Part # 172233-1
2 POS MINI UMNL CAP HOUSING



TE Part # 1445807-3
PLUG,11-9,LG INS,STD KEY



TE Part # 1445825-3
RECPT,11-9,FREE HNG,STD KEY



TE Part # 1445389-3
REC,8-4,FREE HG,LG INS,STD KEY



TE Part # 1445828-3
REC,11-6,FRE HNG,LG INS,STD KE



TE Part # 1445538-3
REC,8-2,FLNG MT,LG INS,STD KEY

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



Connector Caps & Covers(2)



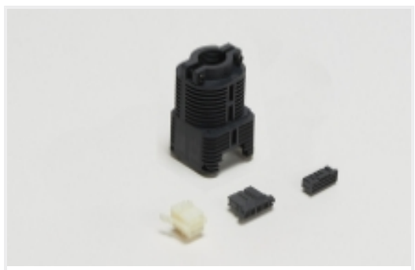
Connector Contacts(20)



Connector Hardware(4)



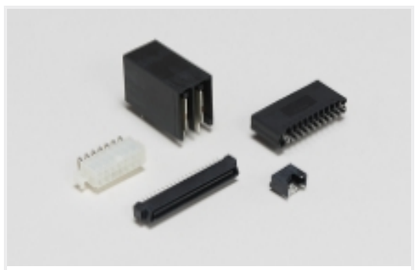
Power Contacts(20)



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)

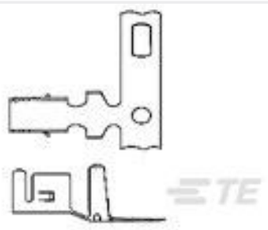
Customers Also Bought



TE Part #1-172169-9
9 POS TR MINI UNIV



TE Part #1-770834-0
MINI UMNL SOK AU LF



TE Part #3-794037-1
MINI AMP-IN PTP PHBZ 10AWG



TE Part #1123721-2
ECONOMY POWER CONN REC CONT



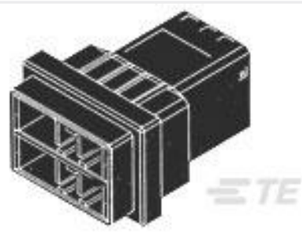
TE Part #2-1241961-7
STD TIM HOUSING MKII 3POS



TE Part #3-1534797-1
AMP DUOPLUG MK2 CONNECTOR 11P



TE Part #1827572-2
DYNAMIC D1000 REC CONT 2L AU 0.38um FORM



TE Part #1-1903330-3
DYNAMIC 4200M TAB HSG 6P F/H XX



TE Part #1-1939638-5
DYNAMIC 1100D HDR ASSY H 30P XBLACK GOLD



TE Part #5748676-2
DIE CAST CBL CLMP KIT,SZ 2

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_770834-4_V.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_770834-4_V.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_770834-4_V.3d_stp.zip

English

Customer View Model
ENG_CVM_770834-4_P.3d_igs.zip

English

Customer View Model
ENG_CVM_770834-4_P.3d_stp.zip

English

Customer View Model

ENG_CVM_770834-4_P.2d_dxf.zip

English

3D PDF

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