



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

TE Internal #: 170359-3

Gold (Au), Pin Contact, 26 – 22 AWG, 600 VAC, 600 VDC, .12 – .35 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: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Gold**

Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
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	.76 µm [30 µin]
Wire Contact Termination Area Plating Thickness	.76 µm [30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight



Contact Underplating Material	Nickel
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Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.12 – .35 mm ²
Compatible Insulation Diameter Range	1.19 – 1.75 mm [.047 – .069 in]

Usage Conditions

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

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

Product Compliance

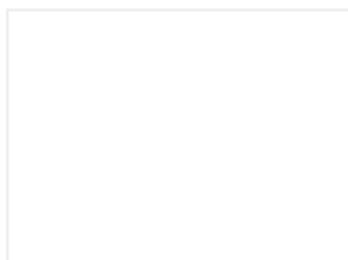
[For compliance documentation, visit the product page on TE.com>](#)

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

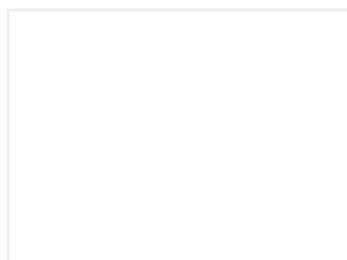
Product Compliance Disclaimer

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



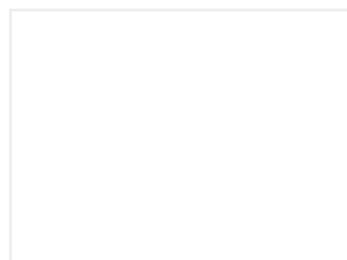
TE Part # 770901-2
MINI UMNL PIN 26-22 AWG UNPLTD



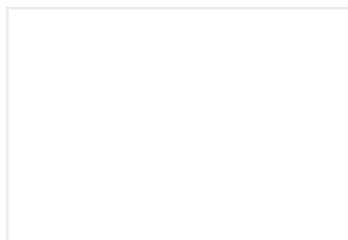
TE Part # 1-172334-4
MINI U-M-N-L CAP 15P YELLOW



TE Part # 1-172163-2
15 POS TR MINI UNIV



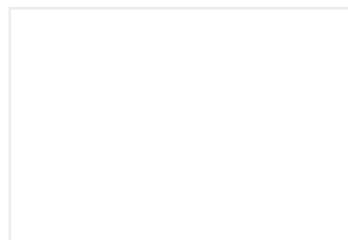
TE Part # 172327-2
MINI UNIVERSAL M-N-L CAP 1P



TE Part # 1-172328-4
MINI UNIVERSAL M-N-L CAP 2P



TE Part # 1-172328-5
2 POS SR MINI UNIV



TE Part # 770902-5
MINI UMNL SOK 26-22 AWG UNPLTD



TE Part # 172160-1
6 CIR UNIV M-N-L CAP



TE Part # 172331-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 6P



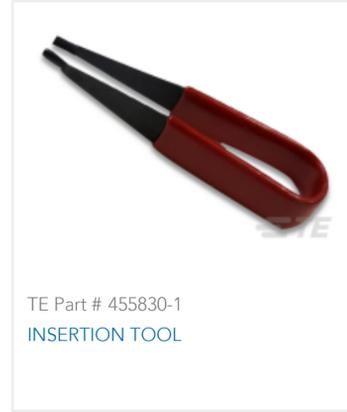
TE Part # 170361-3
MINI UNIVERSAL M-N-L SOCKET



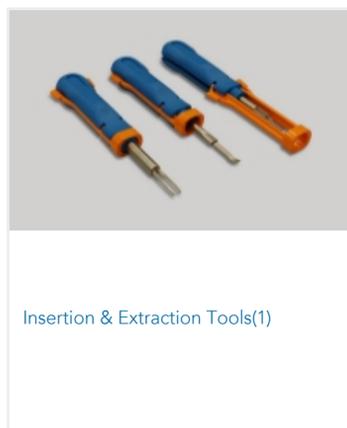
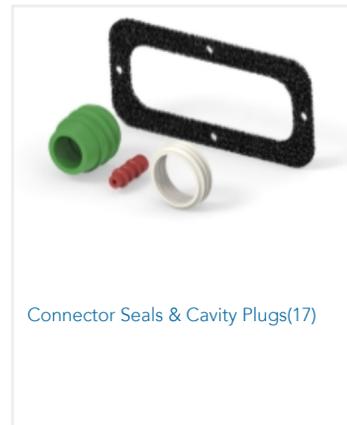
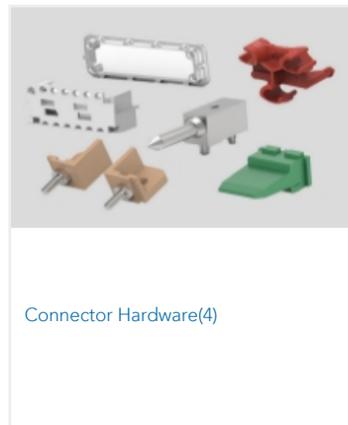
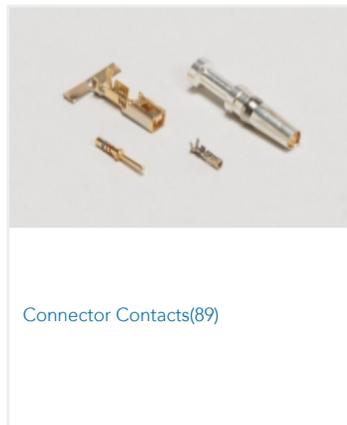
TE Part # 172156-1
1 CIR UNIV M-N-L CAP



TE Part # 170361-4
UNIV. M-N-L SOC.



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



Customers Also Bought



TE Part #3825476007
RPPM-4/1-X-40MM



TE Part #NB13942001
TAT-125-1/4-0-STK



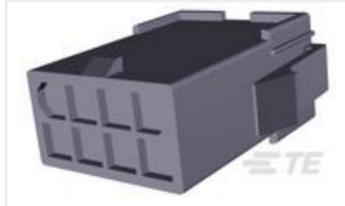
TE Part #234235-E
M8 MALE, A CODE, 4P, 16.25MM SMT



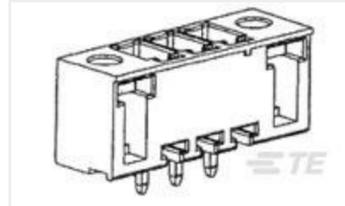
TE Part #170361-1
UNIV M-N-L SOC. 26-22 AWG



TE Part #CAT-F439-R2435127
FFC Receptacle Housing: 1.27mm



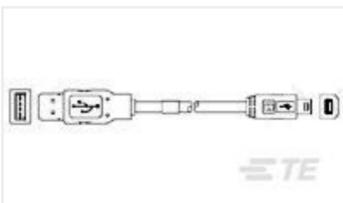
TE Part #794941-1
08P MINI UMNL CAP HSG



TE Part #796867-6
6 POS TERMI-BLOK HDR VERTICAL



TE Part #M3431-000006-01KPG
PRESS XDCR M3431-000006-01KPG



TE Part #1487598-2
USB, A-B, 25/20, BLACK, 5.0M

Documents

Product Drawings

MINI UNIVERSAL M-N-L PIN

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170359-3_N_c-170359-3-n.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170359-3_N_c-170359-3-n.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170359-3_N_c-170359-3-n.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

[Agency Approvals](#)

[UL Report](#)

English