

770834-4 ✓ ACTIVE

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

TE Internal #: 770834-4

Power Contacts, Contact, 600 VAC, 600 VDC, Pre-Tin, 30 – 26 AWG

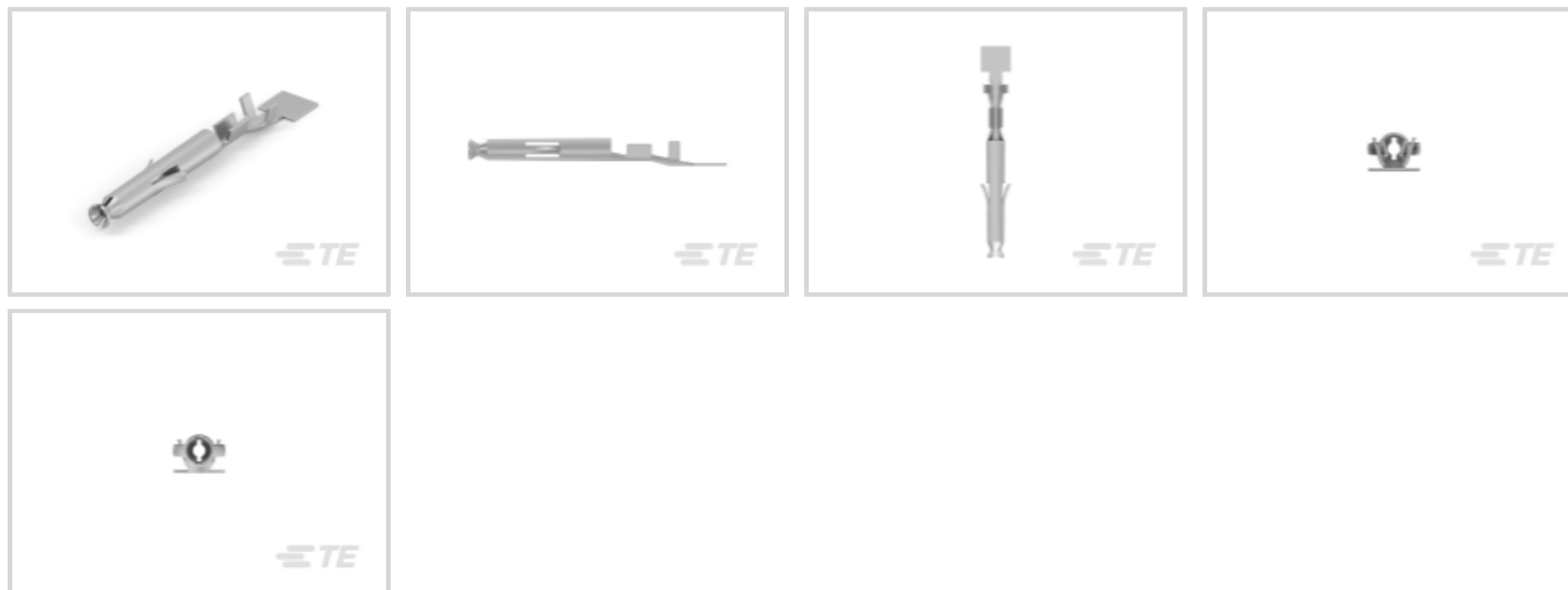
Wire Size, .05 – .15 mm² Wire Size, Wire-to-Wire, Mini-Universal

MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Pre-Tin**

Wire Size: **30 – 26 AWG**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Contact Resistance	20
Operating Voltage	600 VDC

Contact Features

Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	11.2 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1 mm [.039 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	.4 μm [15.74 μin]
Wire Contact Termination Area Plating Material	Pre-Tin



Wire Contact Termination Area Plating Material Finish	Matte
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Contact Orientation	Straight
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Wire Insulation Support	Without
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Dimensions

Wire Size	.05 – .15 mm ²
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Accepts Wire Insulation Diameter Range	.89 – 1.27 mm [.035 – .05 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

CSA Rating	Certified
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Glow Wire Rating	Standard Part - Not Glow Wire
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VDE Tested	No
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Agency/Standard	CSA, UL
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CSA File Number	LR 7189
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UL Rating	Recognized
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UL Flammability Rating	UL 94V-0
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UL File Number	E28476
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	10000
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Other

Wire/Cable Type	Discrete Wire
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Wire Type	Stranded
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For Use With	Plug Housing
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Comment	HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine
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with T or G Terminators, -2 is used on AMP-O-LECTRIC Model K Machine, -3 is used on AMP-O-LECTRIC Model G Machine.

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # CAT-AM71-C83998EE
MINI CPC



TE Part # 189727-1
EXTRACTION TOOL



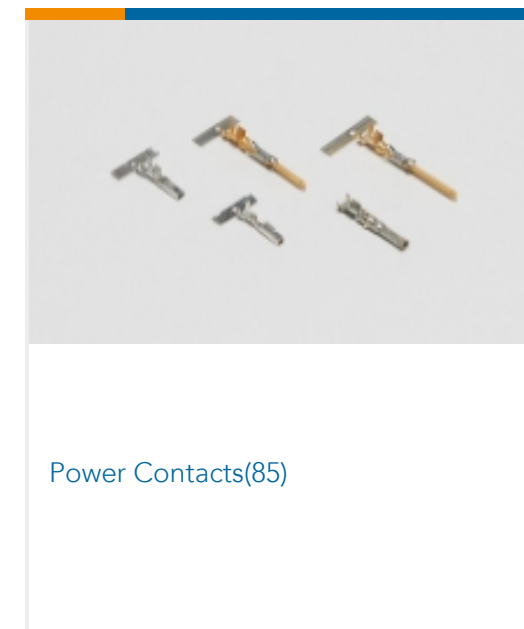
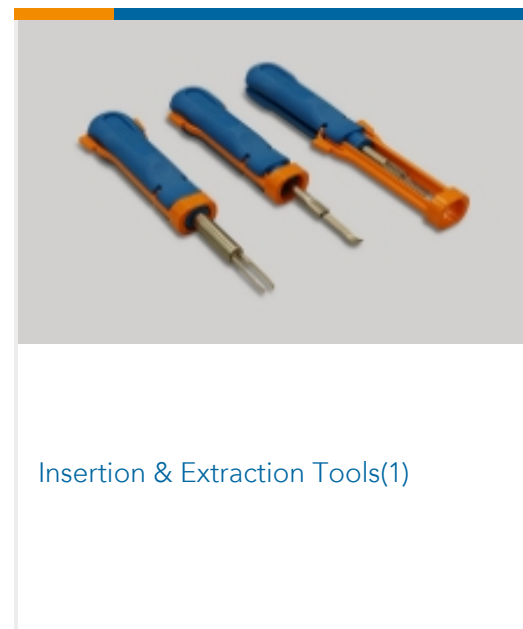
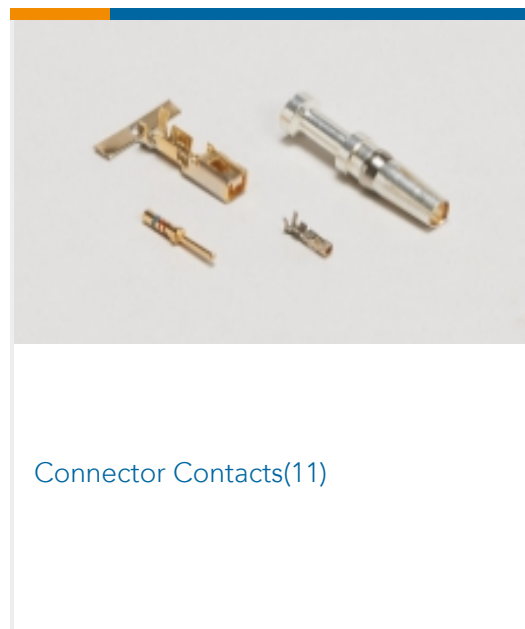
TE Part # 455830-1
INSERTION TOOL



TE Part # 770586-1
22P MINI UMNL PLUG HSG

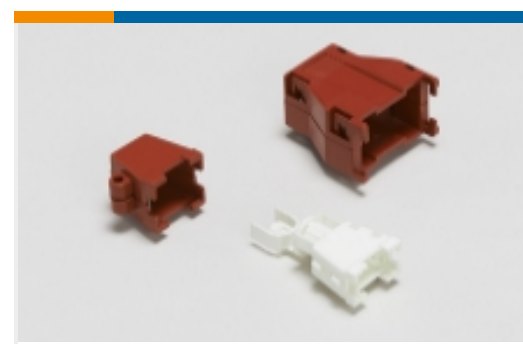


Also in the Series | Mini-Universal MATE-N-LOK

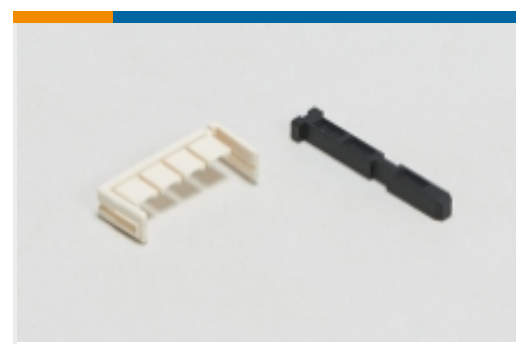




Rectangular Backshells & Clamps(2)



Rectangular Boots & Strain Relief(2)



Rectangular Connector Keying Plugs(2)



Rectangular Connector Locking(2)



Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

Customers Also Bought

TE Part #170361-4
UNIV. M-N-L SOC.TE Part #770904-1
MINI UMNL SOK 22-18 AWG SNTE Part #3-1532150-7
184-1100-7A02=A43AJ-11P-N(192)

Documents

Product Drawings

MINI UMNL SOCKET PHBR

English

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

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

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

English