

770902-4 ✓ ACTIVE

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

TE Internal #: 770902-4

Mini-Universal MATE-N-LOK, Power Contacts, Contact, Operating Voltage 600 VAC, Operating Voltage 600 VDC, Pre-Tin, 26 – 22AWG Wire Size

[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: **26 – 22 AWG**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	600 VDC
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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 Material Thickness	.4 μm [15.74 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright



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	.12 – .4 mm ²
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Accepts Wire Insulation Diameter Range	1.19 – 1.75 mm [.047 – .069 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	7000
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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 -3 is used on AMPOMATOR CLS Machine with T or G Terminators, -4 is used on AMP-
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O-LECTRIC Model K Machine, -5 is used on AMP-O-LECTRIC Model G Machines.

Product Compliance


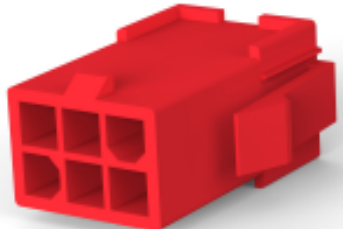


[For compliance documentation, visit the product page on TE.com>](#)

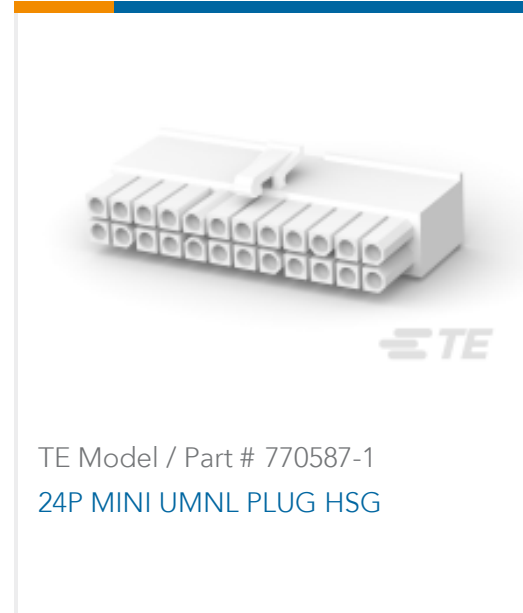
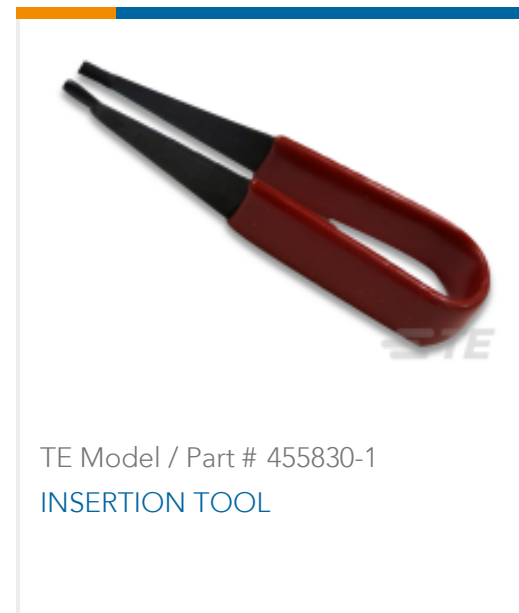
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
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

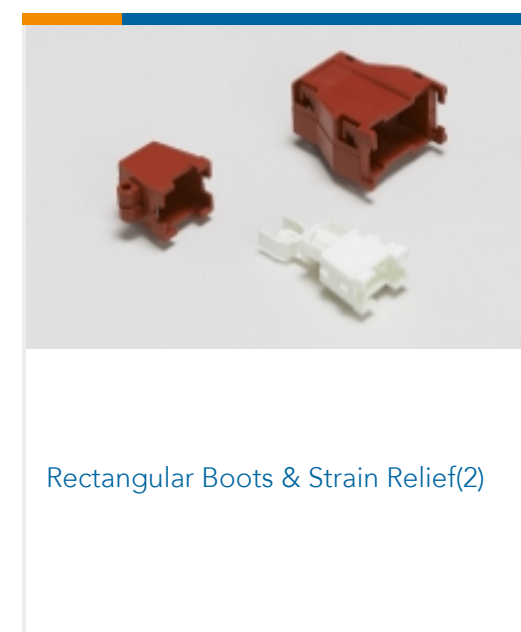
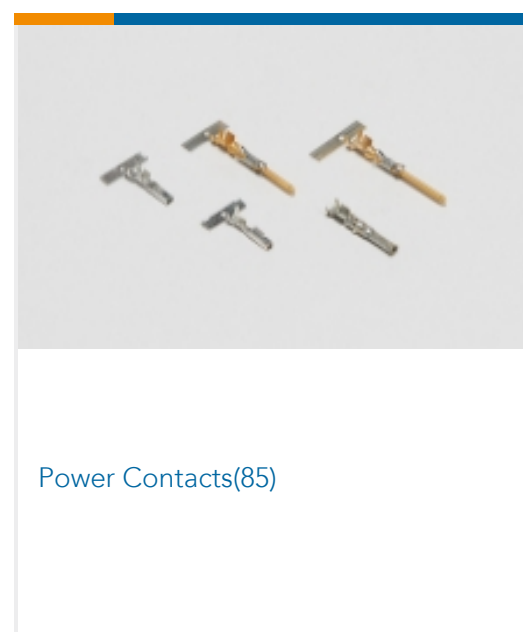
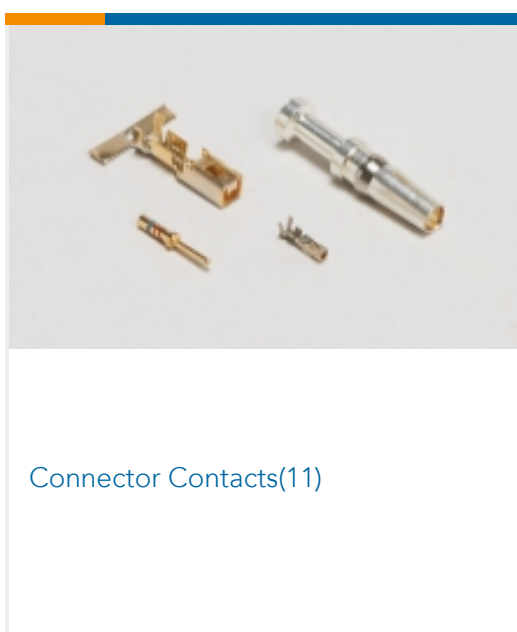
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Model / Part # CAT-AM71-C83998EE MINI CPC</p>	 <p>TE Model / Part # 1-172331-2 UNIVERSAL MATE-N-LOK CAP 6P</p>	 <p>TE Model / Part # 91529-1 CERTICRIMP 2, SAHT MINI UMNL</p>	 <p>TE Model / Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>
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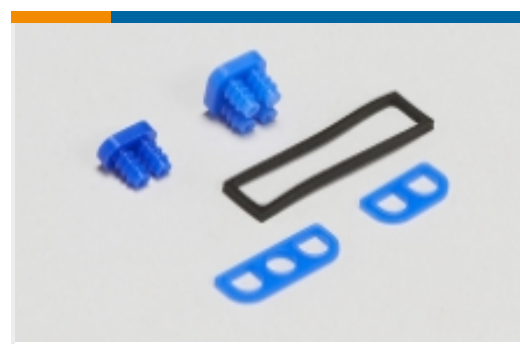


Also in the Series | Mini-Universal MATE-N-LOK





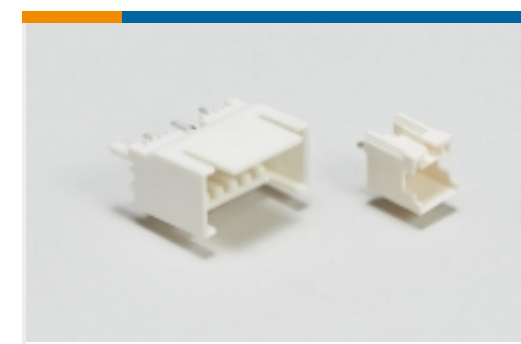
Rectangular Connector Keying Plugs(2)



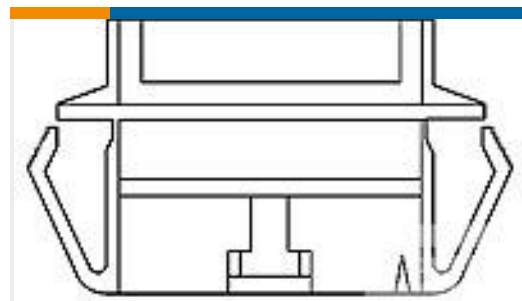
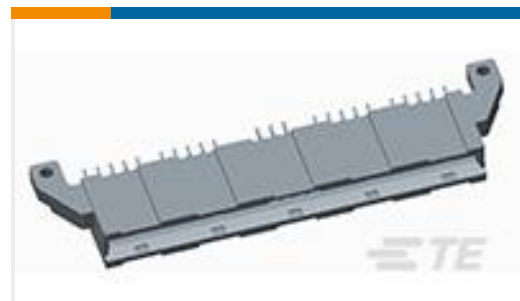
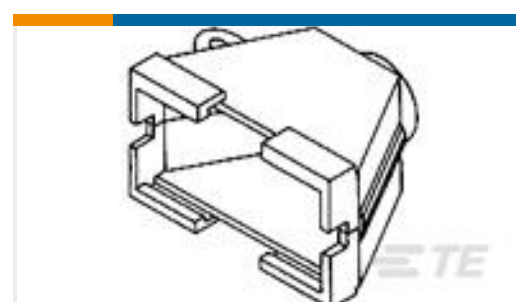
Rectangular Connector Seals(18)



Rectangular Power Connectors(284)

Wire-to-Board Headers & Receptacles
(1)

Customers Also Bought

TE Model / Part #103682-1
02 MTE PANEL MOUNT SRTE Model / Part #1766200-1
284-0472-15000D=TA CE STRDDL MNTE Model / Part #794407-4
MINI UNML SCKT 20-16 AWG SNTE Model / Part #770904-4
MINI UMNL SOK CONT 22-18 AWGTE Model / Part #1-770902-1
MINI UMNL SOK 26-22 AWG AU LFTE Model / Part #1-1735413-1
Assembly Slimline SATA Receptacle
7P+6PTE Model / Part #480634-1
20P STR/REL HSG HNGD V0 REDTE Model / Part #1744418-2
2 POS EP 2.5 HDR, GLOW WIRETE Model / Part #284865-3
DUOPLUG side lock., female con

Documents

Product Drawings

[MINI UMNL SOCK 26-22 AWG SN](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_770902-4_T.2d_dxf.zip](#)



English

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](#)

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Product Specifications

[Product Specification](#)

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Product Environmental Compliance

[Product Compliance](#)

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Instruction Sheets

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

English