

794440-1 ✓ ACTIVE

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

TE Internal #: 794440-1

Power Contacts, Contact, 600 VAC, 600 VDC, Pre-Tin, 22 – 18 AWG

Wire Size, .33 – .82 mm<sup>2</sup> 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: **22 – 18 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	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1 mm [.039 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	2.54 µm [100 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	.33 – .82 mm <sup>2</sup>
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Accepts Wire Insulation Diameter Range	1.5 – 2.39 mm [.059 – .094 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 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 or Cap Housing
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Comment	With locking lance.
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### Product Compliance

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








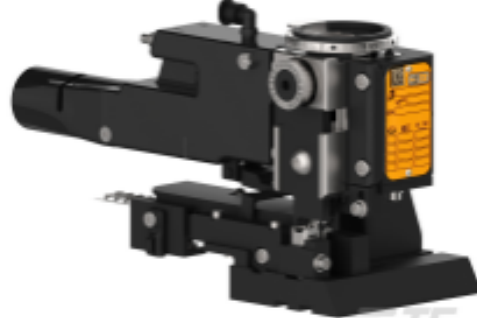


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > 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

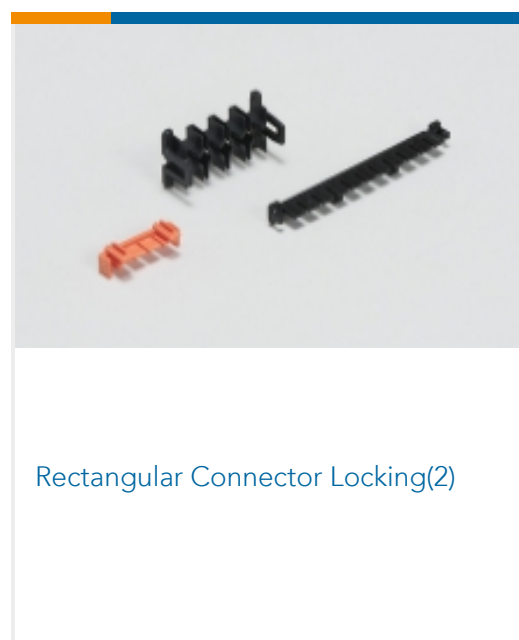
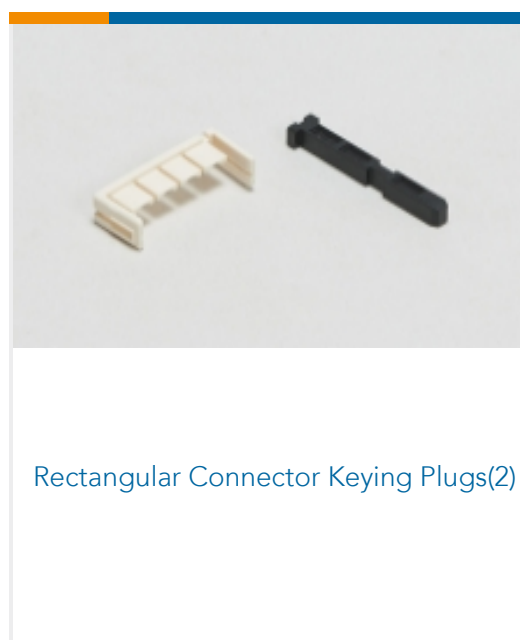
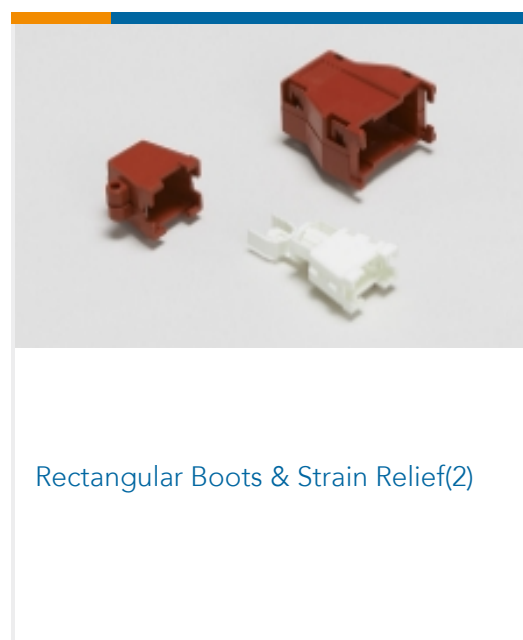
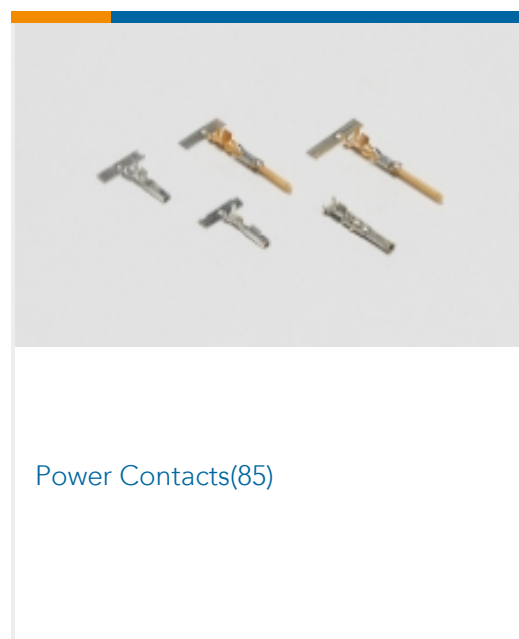
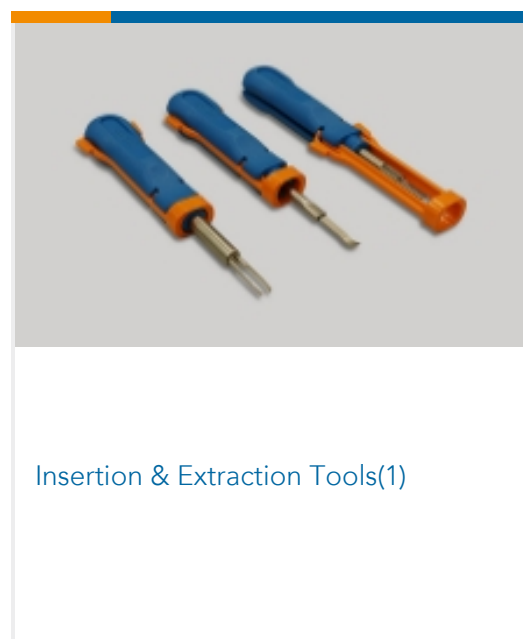
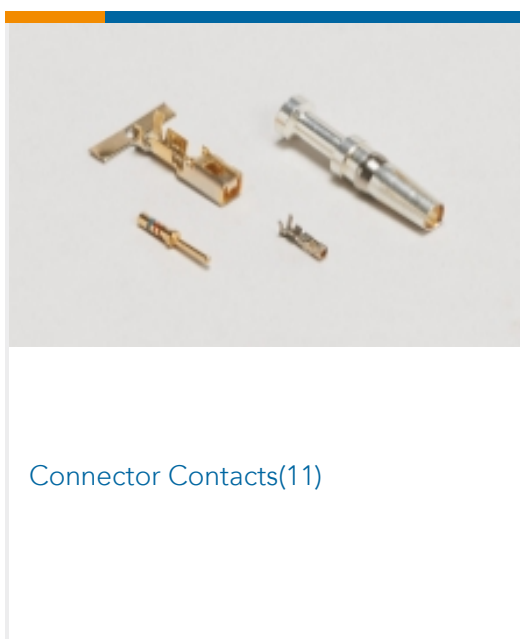
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

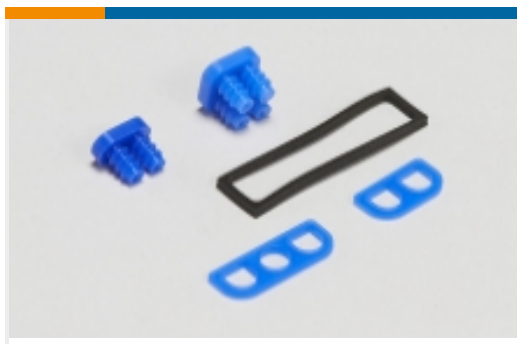
 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 1586940-1 2P SLD MINI UMNL PLUG GLOWIRE</p>	 <p>TE Part # 1586942-1 6P SLD MINI UMNL PLUG GLOWIRE</p>	 <p>TE Part # 1586945-1 2P SEALD MINI UMNL CAP GLOWIR</p>
 <p>TE Part # 1586947-1 6P SEALD MINI UMNL CAP GLOWIR</p>	 <p>TE Part # 1804250-2 SDE PRO-CRIMPER DIE ASSEMBLY</p>	 <p>TE Part # 2-2266574-1 OCEAN_2.0_Applicator-S-062F</p>	 <p>TE Part # 2-2266574-2 OCEAN_2.0_Applicator-S-062F</p>



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





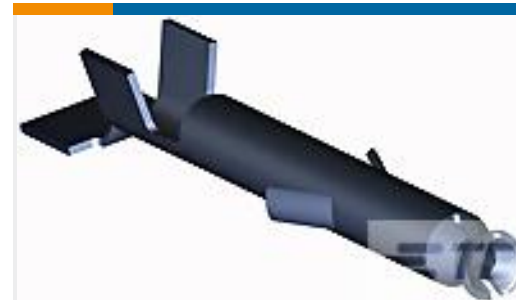
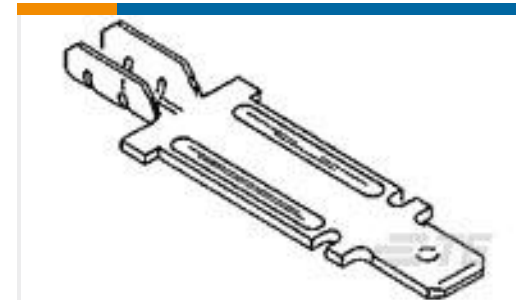
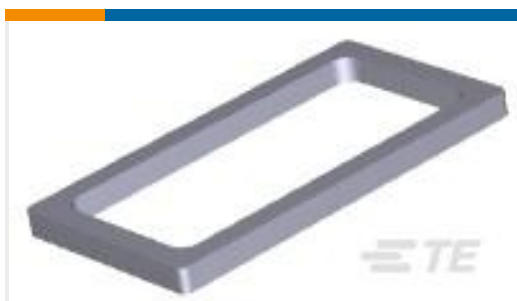
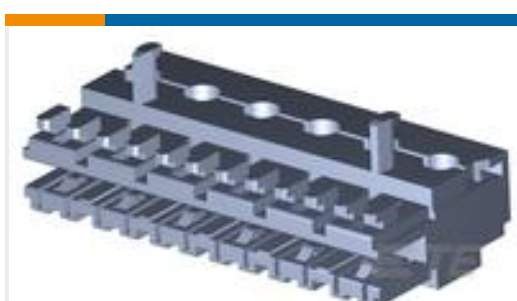
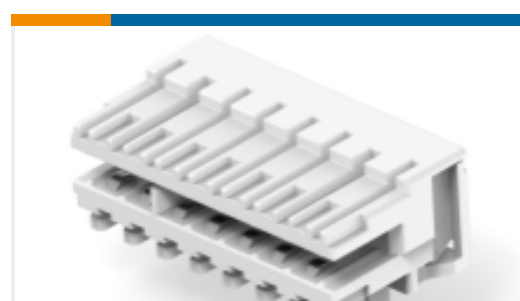


Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

## Customers Also Bought

TE Part #794942-1  
10P MINI UMNL CAP HSGTE Part #794896-1  
2 CIR MINI UMNL RND WIRE HOLESTE Part #794831-1  
MINI UMNL SKT SN 22-18 AWGTE Part #63300-1  
312 FASTON TAB 22-15 AWG NPSTTE Part #1-794772-0  
10P MINI UMNL SEAL, DIE CUTTE Part #1586359-4  
04P MINIUMNL GANG WIRE SEAL DRTE Part #1586359-2  
02P MINIUMNL GANG WIRE SEAL DRTE Part #1-1586359-0  
10P MINIUMNL GANG WIRE SEAL DRTE Part #1534415-6  
DUOPL POW FEM CON6PTE Part #6-1534796-7  
AMP DUOPLUG MK2 CONNECTOR 7P

## Documents

### Product Drawings

[MINI UMNL PIN SN 22-18 AWG](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_794440-1\\_H.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_794440-1\\_H.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_794440-1\\_H.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_794440-1\\_03062018348\\_dmtec](#)

English

[MD\\_794440-1\\_03062018348\\_dmtec](#)

English

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**Instruction Sheets**

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

English

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**Agency Approvals**

[Agency Approval Document](#)

English