

794821-1 ✓ ACTIVE

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

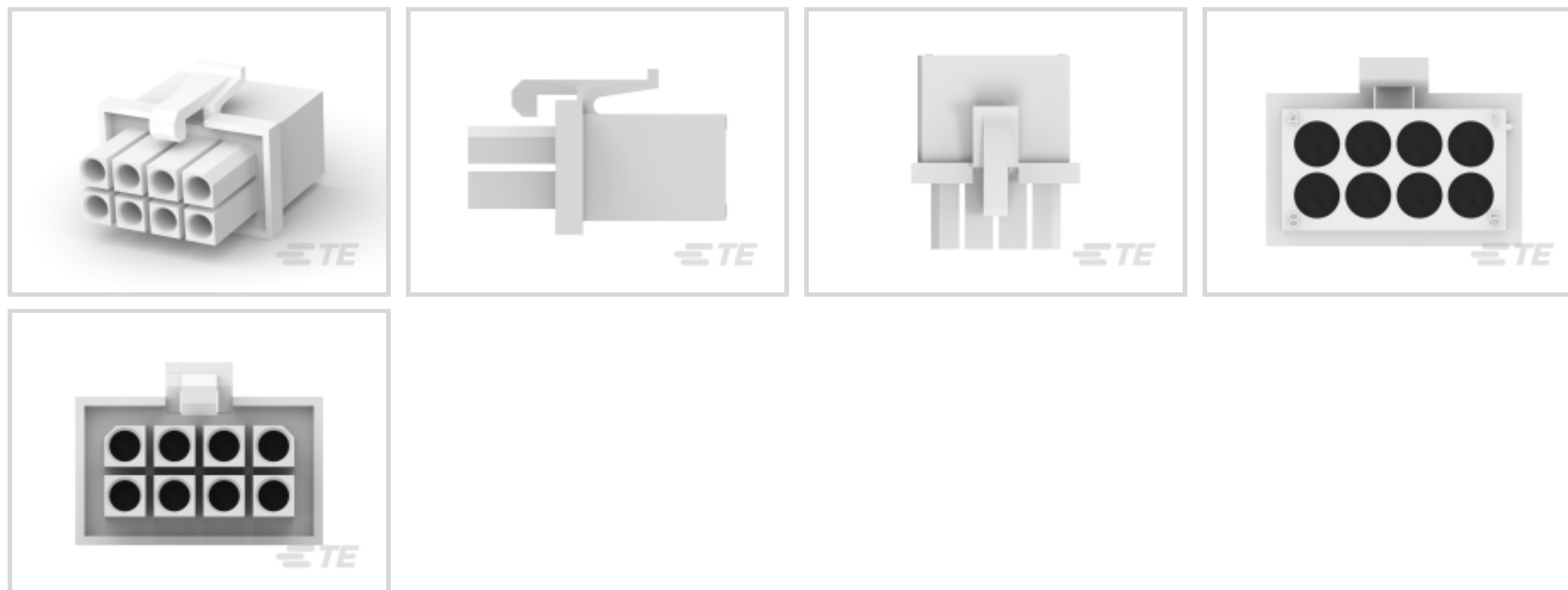
TE Internal #: 794821-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 8
Position, .162 in [4.14 mm] Centerline, Wire & Cable, UL 94V-0, Mini-
Universal MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **8**

Centerline (Pitch): **4.14 mm [.162 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Multiple Contact Types	Without
Contact Retention Within Housing	Without
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	4.14 mm [.162 in]
Housing Color	White
Housing Material	Nylon

Dimensions

Row-to-Row Spacing	4.14 mm [.162 in]
Height	15.21 mm
Width	20.68 mm
Length	24.97 mm

Usage Conditions

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

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
VDE Tested	No

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

For Use With	Mini-Universal MATE-N-LOK Sealed Cap Housing
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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

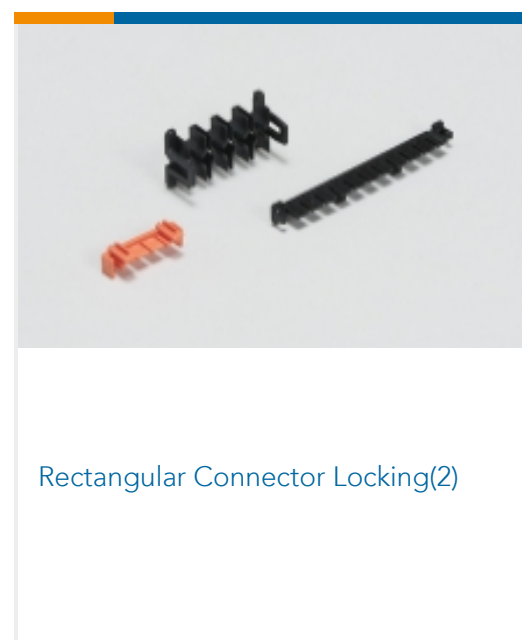
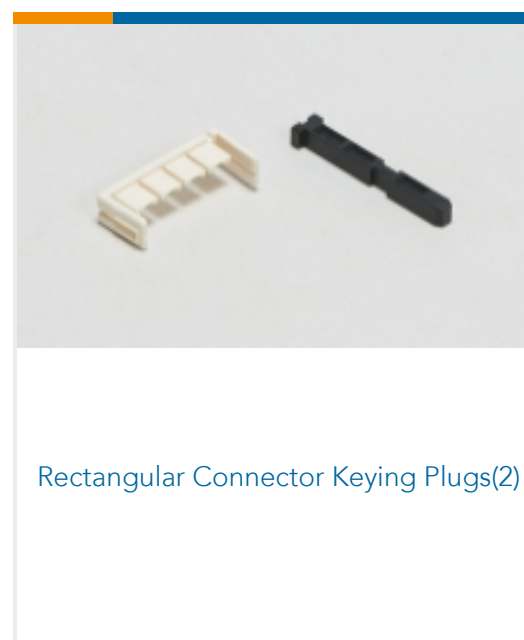
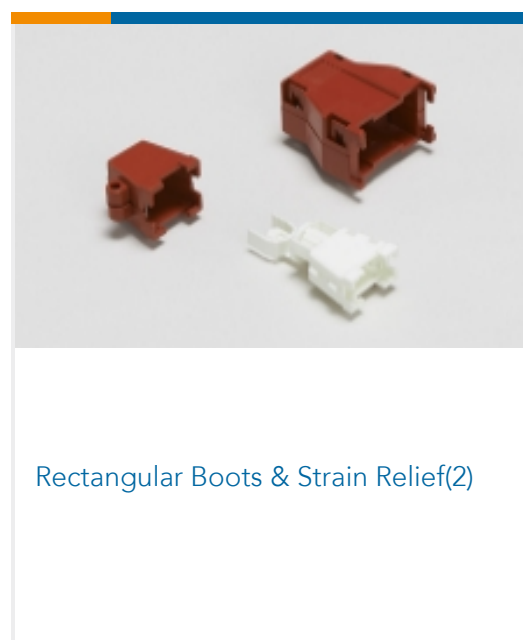
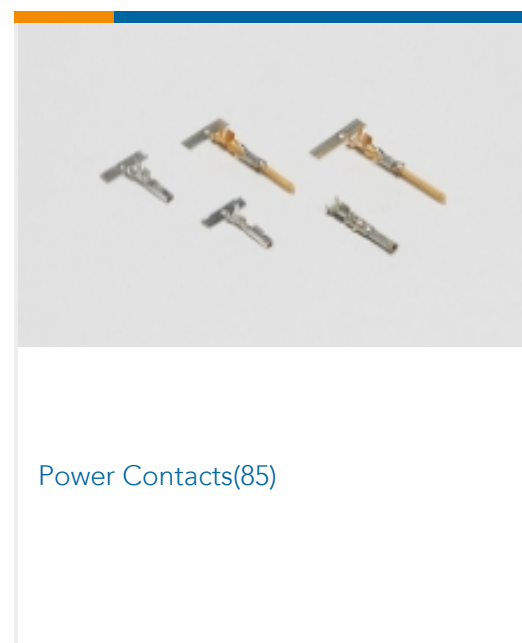
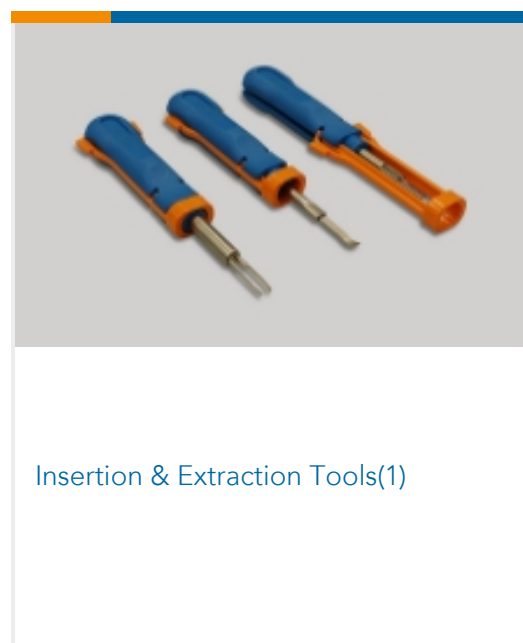
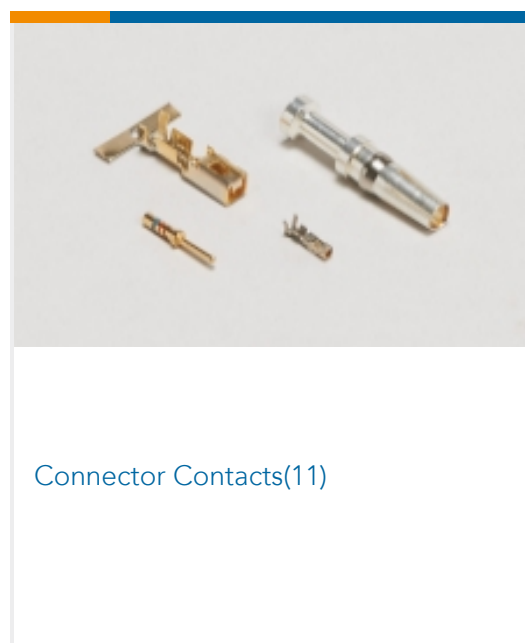
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

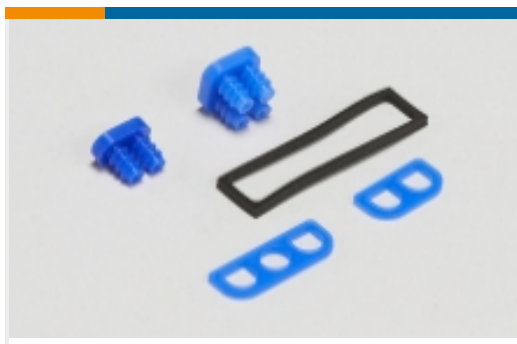
Compatible Parts

 <p>TE Part # 1-770985-0 MINI UMNL PIN 26-22AWG AU LP</p>	 <p>TE Part # 1-770987-0 MINI UMNL PIN 22-18 AWG AU LP</p>	 <p>TE Part # 794941-1 08P MINI UMNL CAP HSG</p>	 <p>TE Part # 770988-3 MINI UMNL SOK 22-18AWG AU LP</p>
 <p>TE Part # 1-770970-1 08P MINI UMNL R/A HDR ASSY LF</p>	 <p>TE Part # 770970-1 08P MINI UMNL R/A HDR ASSY SN</p>	 <p>TE Part # 770988-1 MINI UMNL SOK 22-18AWG SN LP</p>	 <p>TE Part # 770986-1 MINI UMNL SOK 26-22AWG SN LP</p>



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



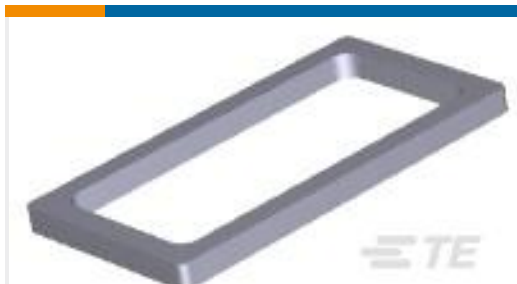
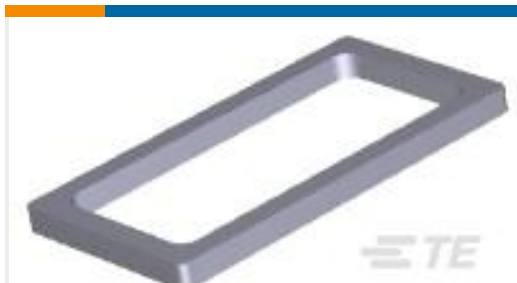


Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

Customers Also Bought

TE Part #794781-1
10P MINI UMNL PLUG HSGTE Part #770988-1
MINI UMNL SOK 22-18AWG SN LPTE Part #794805-1
4 CIR UMNL PLUG, ROUND HOLESTE Part #1-770904-1
MINI UMNL SOK 22-18AWG AU LFTE Part #794772-4
04P MINI UMNL SEAL, DIE CUTTE Part #794995-1
MINI UMNL CAVITY PLUG SEALTE Part #1586359-8
08P MINIUMNL GANG WIRE SEAL DRTE Part #1586359-6
06P MINIUMNL GANG WIRE SEAL DRTE Part #794772-6
06P MINI UMNL SEAL, DIE CUTTE Part #NB32776001
ATUM-6/2-0-50MM

Documents

Product Drawings

[08P MINI UMNL PLUG HSG](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_794821-1_J.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_794821-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794821-1_J.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

[1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_QRG](#)

English

Product Environmental Compliance

[MD_794821-1_060520181217_dmtec](#)

English

[MD_794821-1_060520181217_dmtec](#)

English

Instruction Sheets

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

English

Agency Approvals

[Agency Approval Document](#)

English