



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

TE Internal #: 1586537-1

Connector Contacts, Pin, Tin, Tin, 600 VAC, 600 VDC, Locking Lance Contact Retention, Wire-to-Wire, Discrete Wire, Mini-Universal MATE-N-LOK

[View on TE.com >](#)

Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
Glow Wire Rating	Standard Part - Not Glow Wire
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Brass



Contact Current Rating (Max)	11.2 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Dimensions

Accepts Wire Insulation Diameter Range	3.3 mm[.13 in]
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Wire Size	1.3 – 1.4 mm ²
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Usage Conditions

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

For Use With	Cap Housing
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Circuit Application	Power
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	7000
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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>

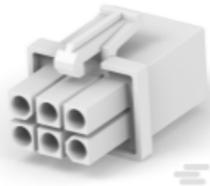
Compatible Parts



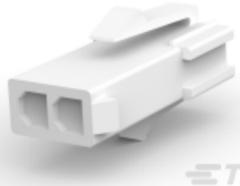
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 1586940-1
2P SLD MINI UMNL PLUG GLOWIRE



TE Part # 1586942-1
6P SLD MINI UMNL PLUG GLOWIRE



TE Part # 1586945-1
2P SEALD MINI UMNL CAP GLOWIR



TE Part # 1586947-1
6P SEALD MINI UMNL CAP GLOWIR



TE Part # 1804250-2
SDE PRO-CRIMPER DIE ASSEMBLY



TE Part # 2-2266574-1
OCEAN_2.0_Applicator-S-062F



TE Part # 2-2266574-2
OCEAN_2.0_Applicator-S-062F



TE Part # 2266574-1
OCEAN_2.0_Applicator-S-062F



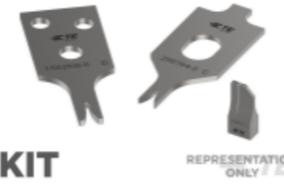
TE Part # 2266574-2
OCEAN_2.0_Applicator-S-062F



TE Part # 7-2266574-1
OCEAN_2.0_Applicator-S-062F



TE Part # 7-2266574-2
OCEAN_2.0_Applicator-S-062F



KIT
REPRESENTATION ONLY
TE Part # 7-2266574-7
OCEAN_2.0_SPARE_PART_KIT-062F



TE Part # 794894-2
02P MINI UMNL PLUGS WIRE HOLES



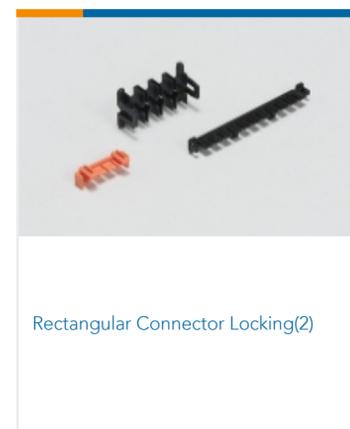
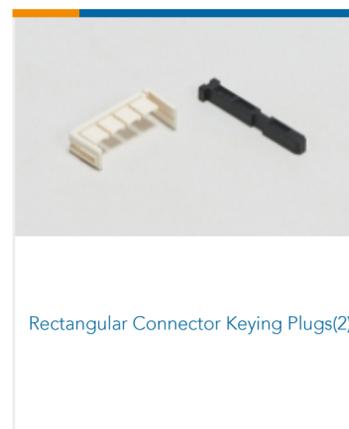
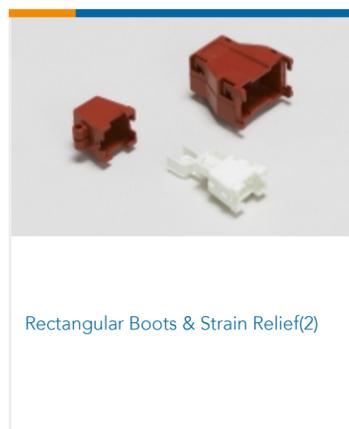
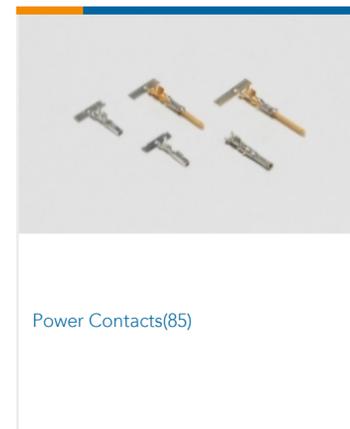
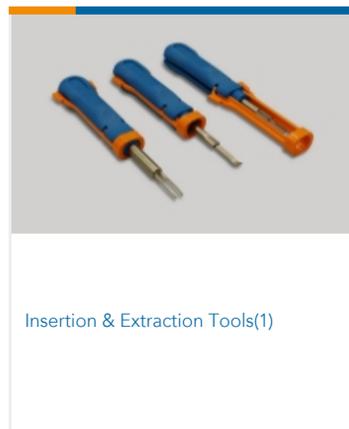
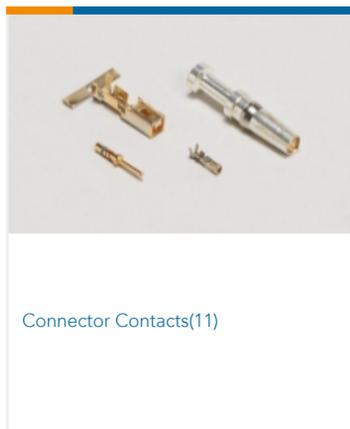
TE Part # 794894-3
02P MINI UMNL PLUGS WIRE HOLES



TE Part # 794896-2
2 CIR MINI UMNL RND WIRE HOLES



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



Documents

Product Drawings

MINI UMNL PIN SN 16 AWG

English

CAD Files

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_1586537-1_A_c-1586537-1-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586537-1_A_c-1586537-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586537-1_A_c-1586537-1-a.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

Instruction Sheets

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

English