

1-794220-0 ✓ ACTIVE

MATE-N-LOK | Mini-Universal MATE-N-LOK 2

TE Internal #: 1-794220-0

Pin Contact, Gold (Au), 600 VAC, 600 VDC, 22 – 18 AWG, .3 – .9 mm² Wire, Crimp, Brass, Power, -20 – 105 °C [-4 – 221 °F], Mini-Universal MATE-N-LOK 2

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1 mm [.039 in]
Contact Underplating Material Thickness	1.27 µm [50 µin]
Contact Mating Area Plating Material Thickness	.76 µm [30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	2.54 µm [100 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	Without



Contact Base Material	Brass
Contact Current Rating (Max)	10.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.5 – 2.39 mm [.059 – .094 in]
Wire Size	.3 – .9 mm ²

Usage Conditions

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

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	4500
Packaging Method	Reel

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



TE Part # 794198-1
12P MINI UMNL2 PLUG HSG DBLROW



TE Part # 189727-1
EXTRACTION TOOL



TE Part # 794190-1
06P MINI UMNL2 PLUG HSG UL94V0



TE Part # 794203-1
14P MINI UMNL2 CAP HSG UL94V0



TE Part # 794187-1
03P MINI UMNL2 CAP HSG UL94V0



TE Part # 794191-1
06P MINI UMNL2 CAP HSG UL94V0



TE Part # 794213-1
22P MINI UMNL2 CAP HSG UL94V0



TE Part # 794237-1
02P MINI UMNL2 PLUG HSG UL94V2



TE Part # 794185-1
02P MINI UMNL2 CAP HSG UL94V0



TE Part # 794197-1
10P MINI UMNL2 CAP HSG UL94V0



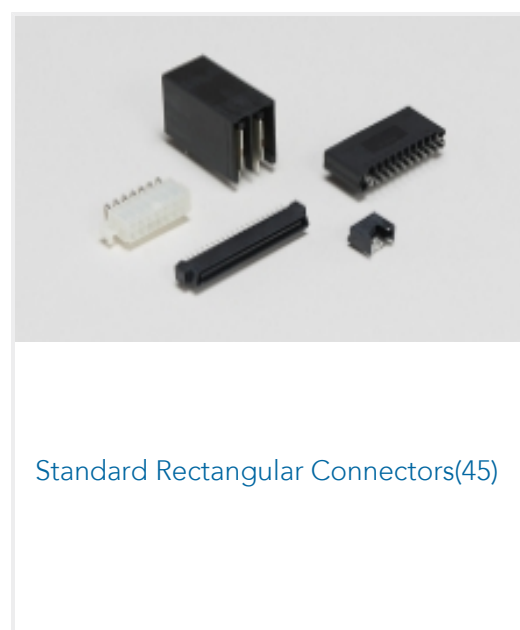
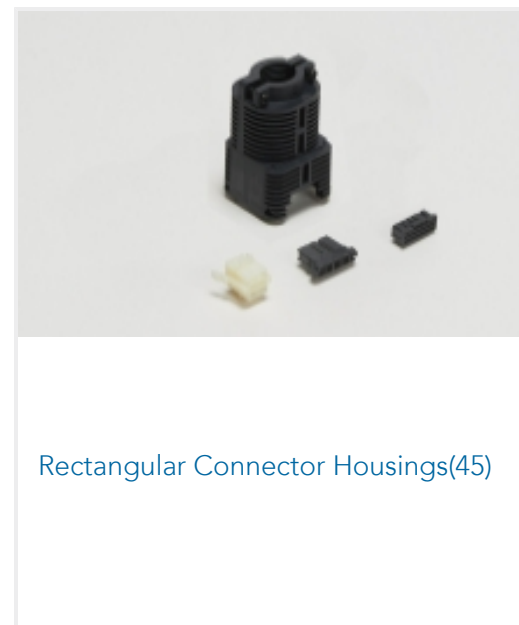
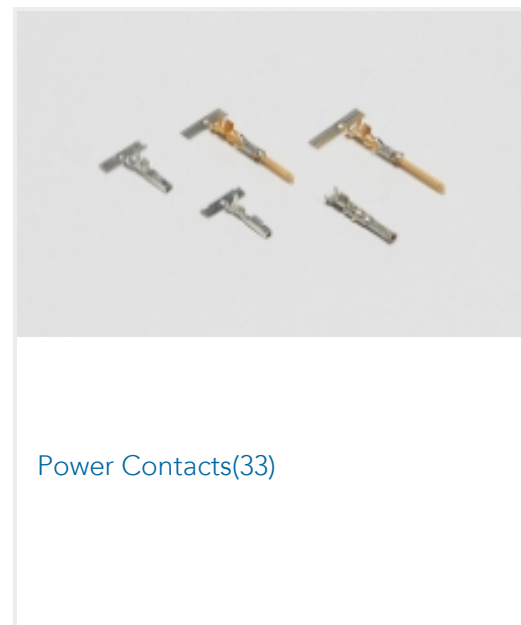
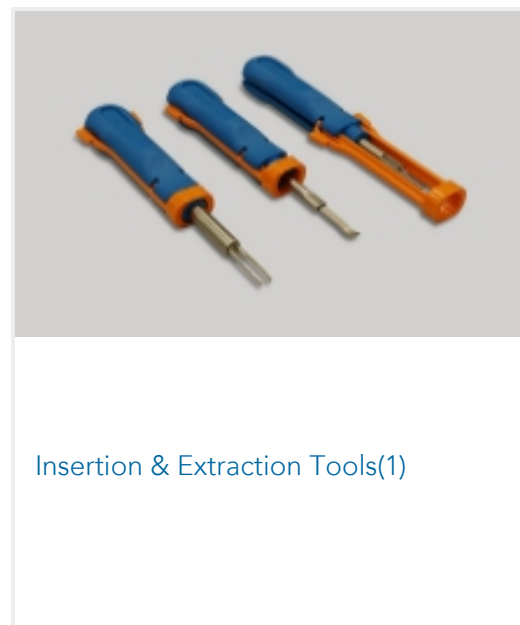
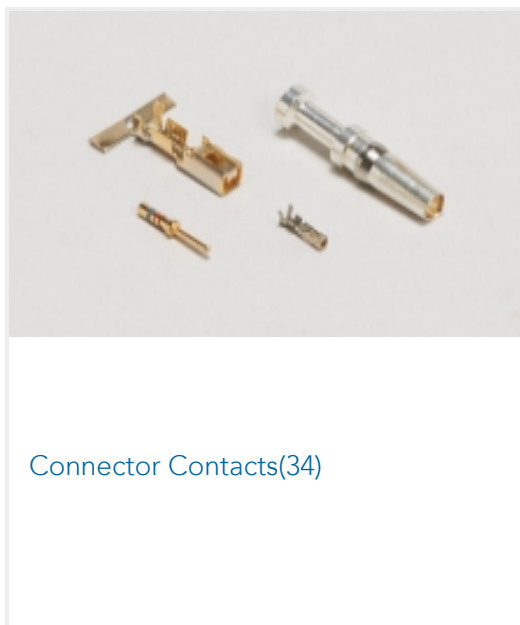
TE Part # 794243-1
06P MINI UMNL2 PLUG HSG UL94V2



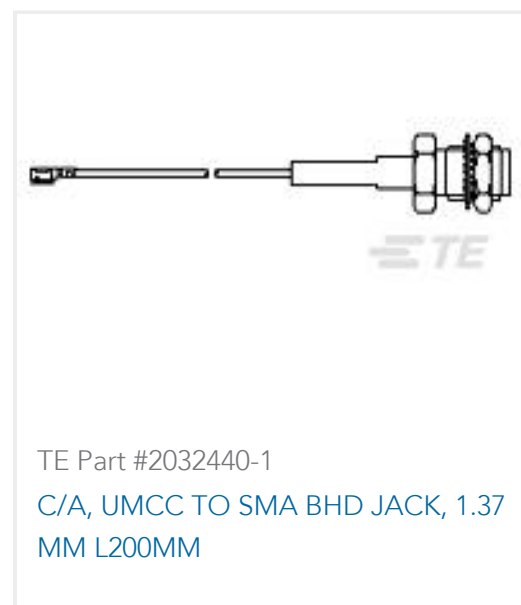
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



Also in the Series | Mini-Universal MATE-N-LOK 2



Customers Also Bought





TE Part #794197-1
10P MINI UMNL2 CAP HSG UL94V0



TE Part #8-1633860-6
CRIMPER, WIRE F



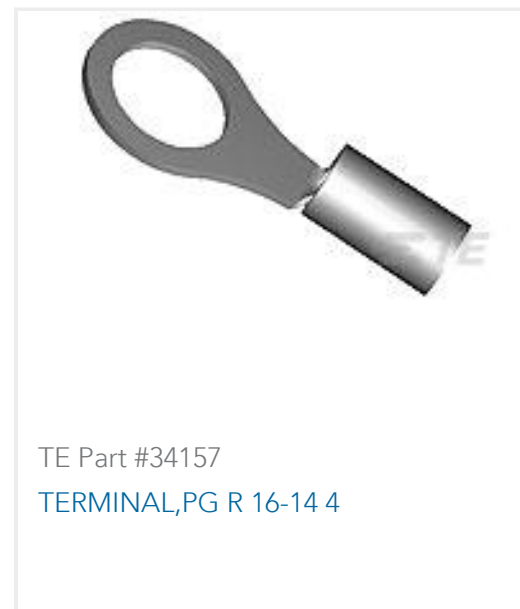
TE Part #175020-1
250 PL EX REC. 22-18AWG PTBR



TE Part #41802
250 FASTON FLAG REC 18-12 AWG
TPBR



TE Part #794229-3
MINI UMNL2 SOK 22-18 AWG AU LP



TE Part #34157
TERMINAL,PG R 16-14 4

Documents

Product Drawings

[MINI UMNL2 PIN 22-18 AWG AU](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-794220-0_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-794220-0_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-794220-0_F.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-794220-0_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794220-0_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794220-0_J.3d_stp.zip](#)

English



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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Product Specification](#)

English