

1-794221-0 ✓ ACTIVE

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

TE Internal #: 1-794221-0

Socket Contact, Gold (Au), 600 VAC, 600 VDC, 22 – 18 AWG, .3 – .9 mm² Wire, Crimp, Brass, Power, Mini-Universal MATE-N-LOK 2

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

Electrical Characteristics

Operating Voltage

600 VDC

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

Bright

Wire Contact Termination Area Plating Thickness

2.54 µm [100 µin]

Contact Type

Socket

Contact Mating Area Plating Material

Gold (Au)

Wire Contact Termination Area Plating Material

Tin

Contact Retention Within Housing

Without



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

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

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.5 – 2.39 mm [.059 – .094 in]
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Wire Size	.3 – .9 mm ²
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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
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Packaging Method	Reel
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 794207-1
16P MINI UMNL2 CAP HSG UL94V0



TE Part # 794204-1
15P MINI UMNL2 PLUG HSG UL94V0



TE Part # 794260-1
16P MINI UMNL2 CAP HSG UL94V2



TE Part # 794246-1
08P MINI UMNL2 CAP HSG UL94V2



TE Part # 794267-1
24P MINI UMNL2 PLUG HSG UL94V2



TE Part # 794215-1
24P MINI UMNL2 CAP HSG UL94V0



TE Part # 794253-1
12P MINI UMNL2 PLUG HSG MATRIX



TE Part # 90759-1
PROCRIMP TL W/DIE MIN UNIV MNL



TE Part # 794192-1
08P MINI UMNL2 PLUG HSG UL94V0



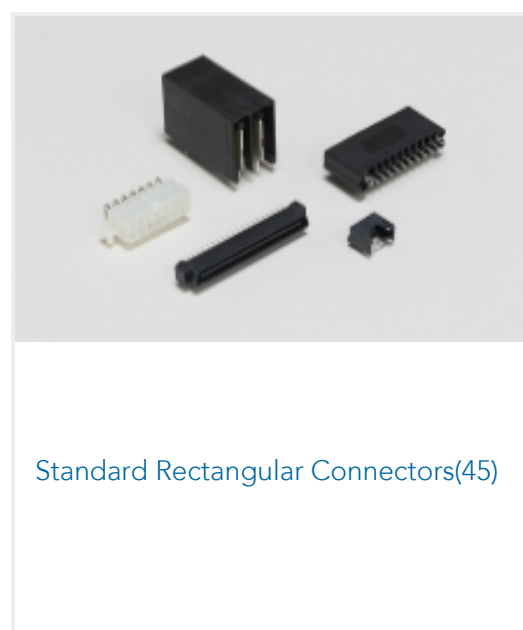
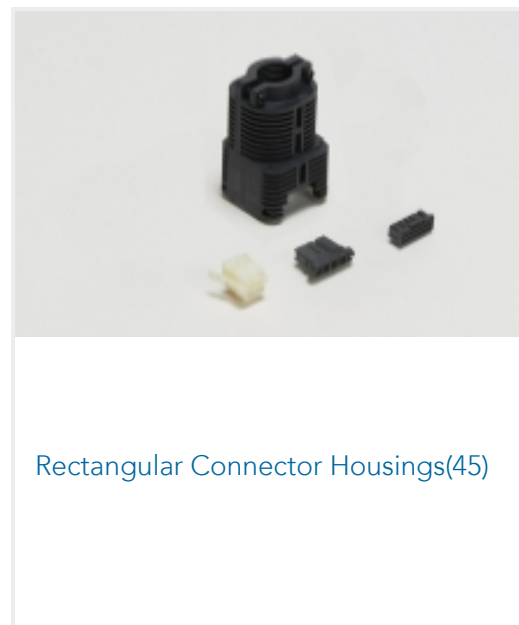
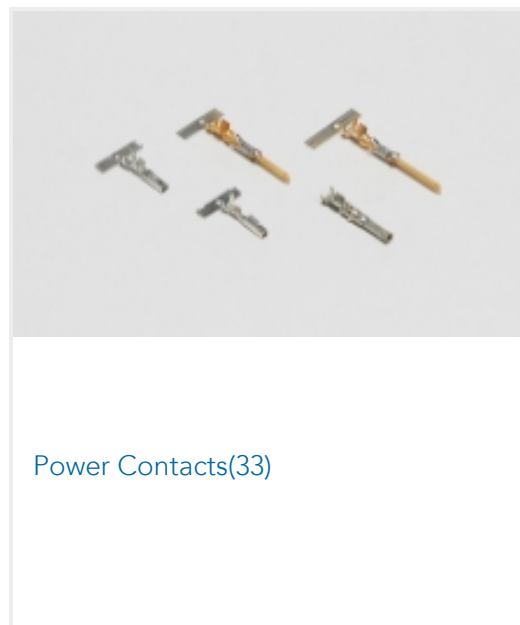
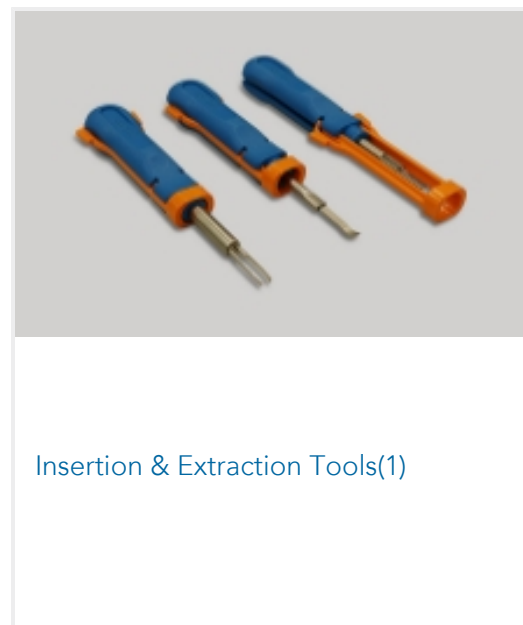
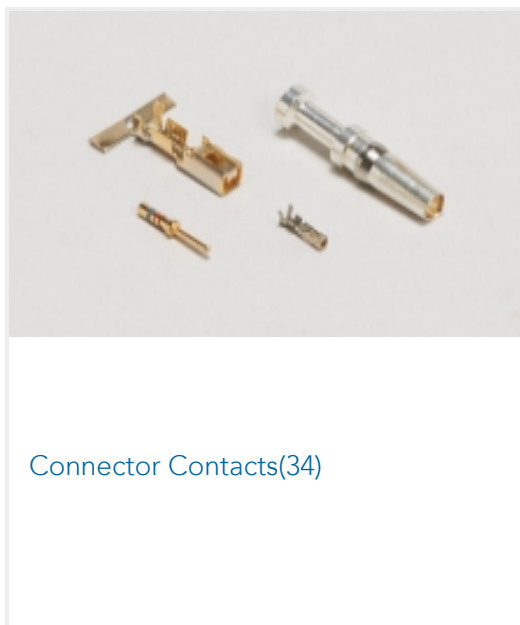
TE Part # 794200-1
12P MINI UMNL2 PLUG HSG MATRIX



TE Part # 794208-1
18P MINI UMNL2 PLUG HSG UL94V0



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



Customers Also Bought





TE Part #770904-3
MINI UMNL SOK 22-18 AWG AU



TE Part #926965-1
STC REC 6.3 Contact SRC Sn



TE Part #794192-1
08P MINI UMNL2 PLUG HSG UL94V0



TE Part #5-928999-6
MQS0,63 Ag rec LL unseal. >0,2-0,35



TE Part #794194-1
09P MINI UMNL2 PLUG HSG UL94V0

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-794221-0_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794221-0_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794221-0_P.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

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

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Socket Contact, Gold (Au), 600 VAC, 600 VDC, 22 – 18 AWG, .3 – .9 mm² Wire, Crimp,
Brass, Power, Mini-Universal MATE-N-LOK 2

