

1-794407-0 ✓ ACTIVE

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

TE Internal #: 1-794407-0

Socket Contact, Gold (Au), 600 VAC, 600 VDC, 20 – 16 AWG, .5 – 1.4 mm<sup>2</sup> Wire, Crimp, Brass, Power, Mini-Universal MATE-N-LOK

[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
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### Electrical Characteristics

Operating Voltage	600 VDC
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### Contact Features

Contact Underplating Material	Nickel
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Contact Orientation	Straight
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Mating Pin Diameter	1 mm [.039 in]
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Contact Underplating Material Thickness	1.27 µm [50 µin]
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Contact Mating Area Plating Material Thickness	.76 µm [30 µin]
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Wire Contact Termination Area Plating Material Finish	Bright
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Wire Contact Termination Area Plating Thickness	2.54 – 6.35 µm [100 – 250 µin]
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Contact Type	Socket
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Contact Mating Area Plating Material	Gold (Au)
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Wire Contact Termination Area Plating Material	Tin
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Contact Retention Within Housing	With
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Contact Base Material	Brass
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Contact Current Rating (Max)	11.2 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	2 – 3.2 mm [.079 – .126 in]
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Wire Size	.5 – 1.4 mm <sup>2</sup>
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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

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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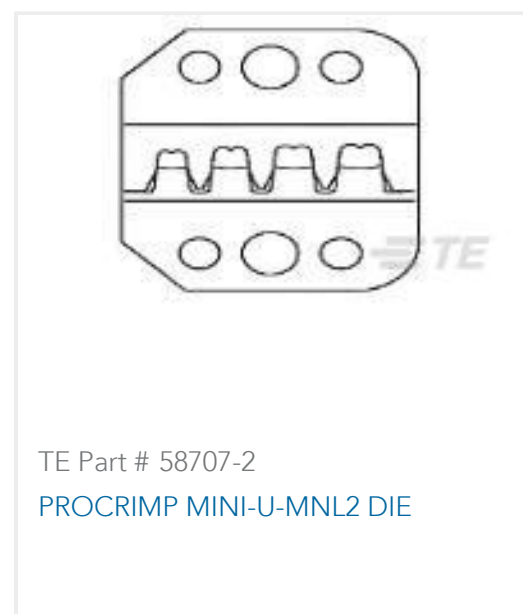
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

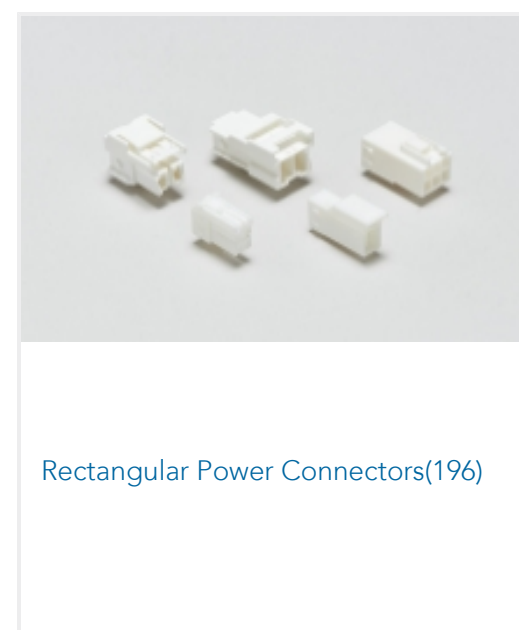
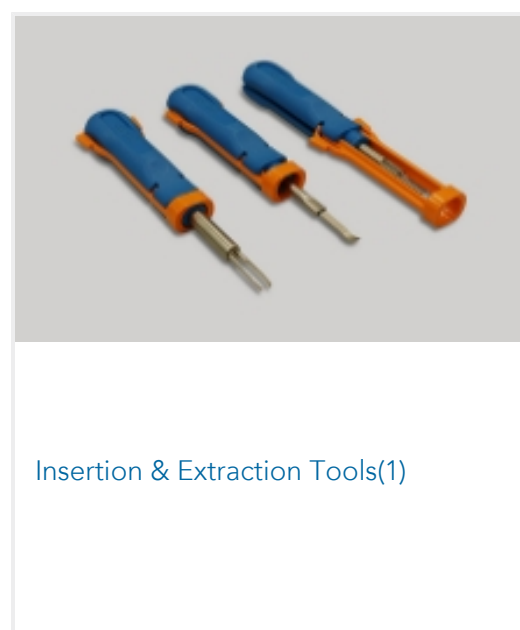
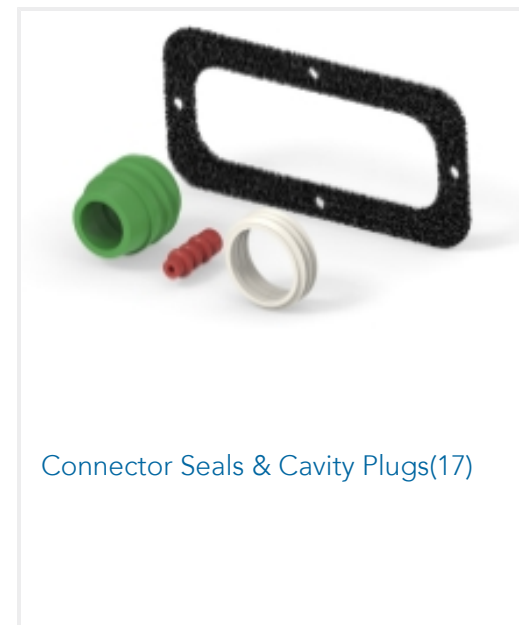
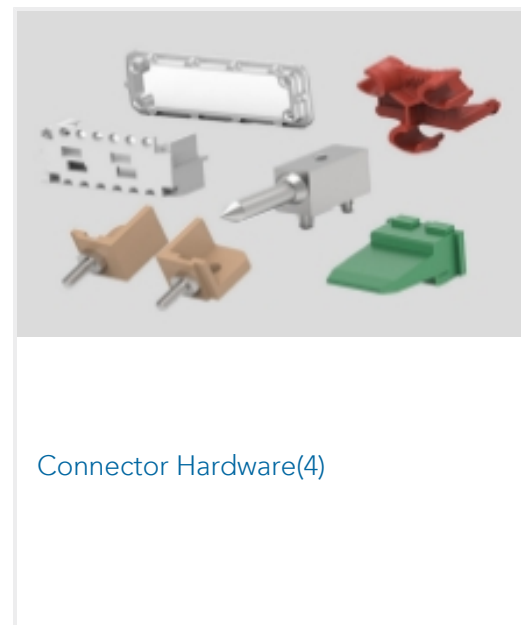
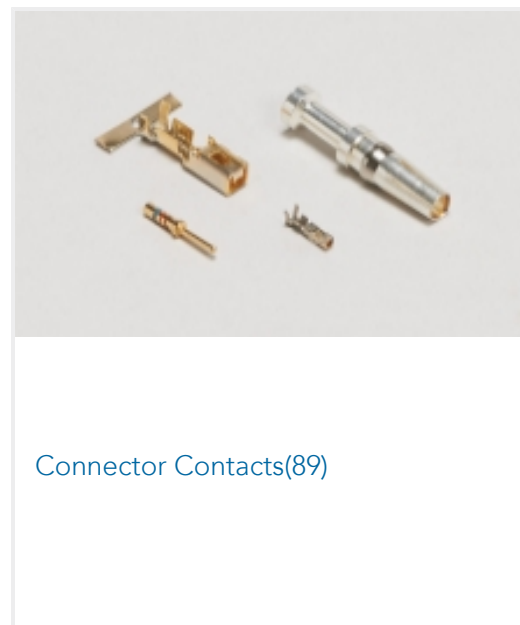
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





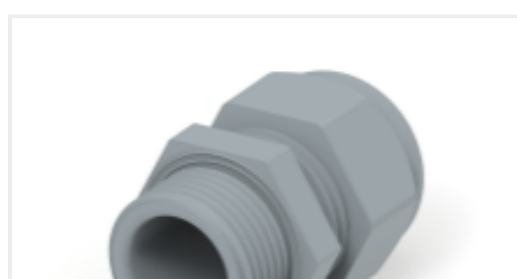
## Also in the Series | Mini-Universal MATE-N-LOK



## Customers Also Bought



TE Part #1-794066-1  
12P MINI UMNL HDR W/DH AU LF



TE Part #1SNG601056R0000  
EP-SG-M20-GR-C



TE Part #770010-3  
UMNL II SOK PTPPHBZ



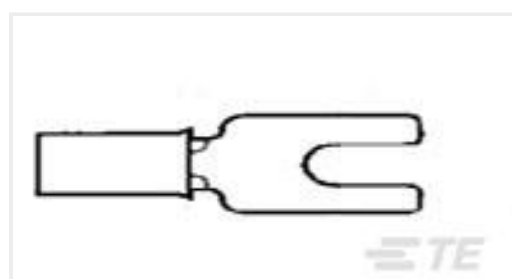
TE Part #770585-1  
20P MINI UMNL PLUG HSG



TE Part #53555-1  
SOLIS SPD 22-16COMM 22-18MIL 2



TE Part #1445022-7  
MICRO MNL RFECEPT HSG SINGLE R



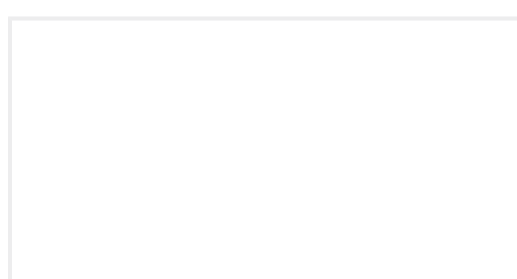
TE Part #34247  
TERMINAL,BUDG SPD 26-22 4



TE Part #3-647001-2  
02P MTA100 PSTD CONN ASSY SN



TE Part #3-643816-6  
06P MTA100 CONN ASSY POL RIB



TE Part #10210013-00  
RTD,EMB,C,P1000,385,.12%,.12D

## Documents

### Product Drawings

[MINI UMNL SOK 20-16 AWG AU LF](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794407-0\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794407-0\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794407-0\\_F.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

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**Product Specifications**

**Application Specification**

English