

1-770986-0 ✓ ACTIVE

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

TE Internal #: 1-770986-0

Socket Contact, Gold, 600 VAC, 600 VDC, 26 – 22 AWG Wire Size, .12 – .4 mm<sup>2</sup> Wire Size, 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**

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

Mating Pin Diameter 1 mm[.039 in]

Contact Underplating Material Thickness 1.27 µm[50 µin]

Wire Contact Termination Area Plating Thickness 2.54 µm[100 µin]

Wire Contact Termination Area Plating Material Finish Bright

Contact Mating Area Plating Material Thickness .76 µm[30 µin]

Contact Orientation Straight

Contact Underplating Material Nickel

Contact Type Socket

Contact Mating Area Plating Material Gold

Wire Contact Termination Area Plating Material Tin

Contact Retention Within Housing With



Contact Base Material	Brass
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Contact Current Rating (Max)	9.5 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	1.19 – 1.75 mm [.047 – .069 in]
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Wire Size	.12 – .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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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1000
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Packaging Method	Bag
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

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>

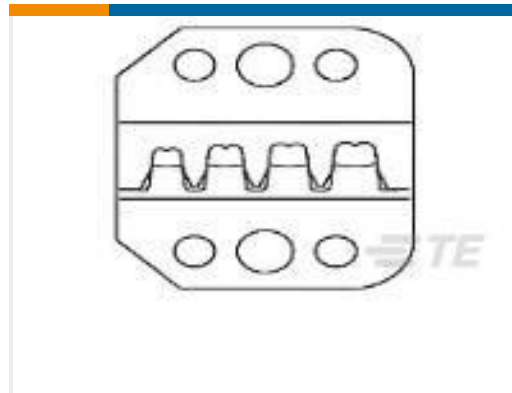
## Compatible Parts



TE Part # CAT-AM71-C83998EE  
Mini Circular Plastic Connectors (CPC)



TE Part # 91529-1  
CCII MINI-UMNL PIN 26-22 ASSY



TE Part # 90758-2  
PROCrimp DIE MINI UNIV MNL



TE Part # 770586-1  
22P MINI UMNL PLUG HSG



TE Part # 794942-1  
10P MINI UMNL CAP HSG



TE Part # 770587-1  
24P MINI UMNL PLUG HSG



TE Part # 770582-1  
14P MINI UMNL PLUG HSG



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



TE Part # 172333-1  
MINI UNIVERSAL M-N-L HOUSING



TE Part # 794781-1  
10P MINI UMNL PLUG HSG



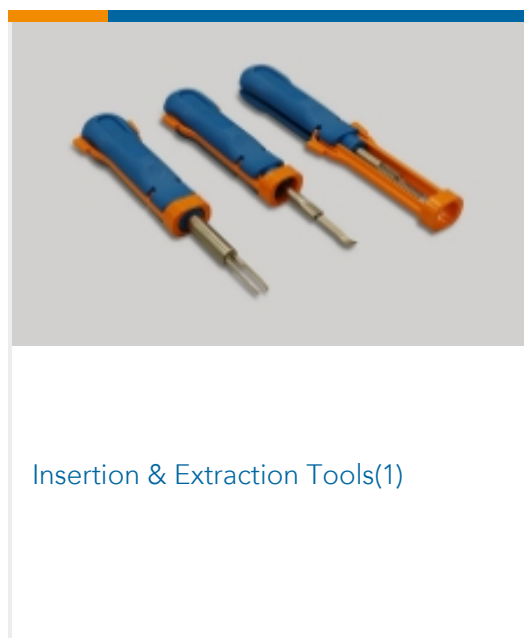
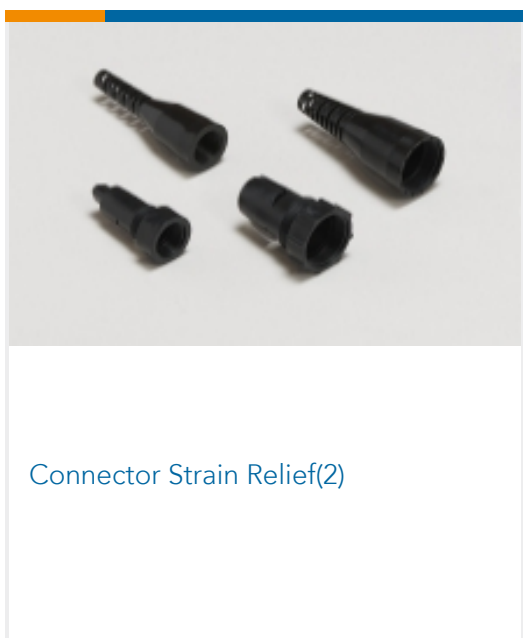
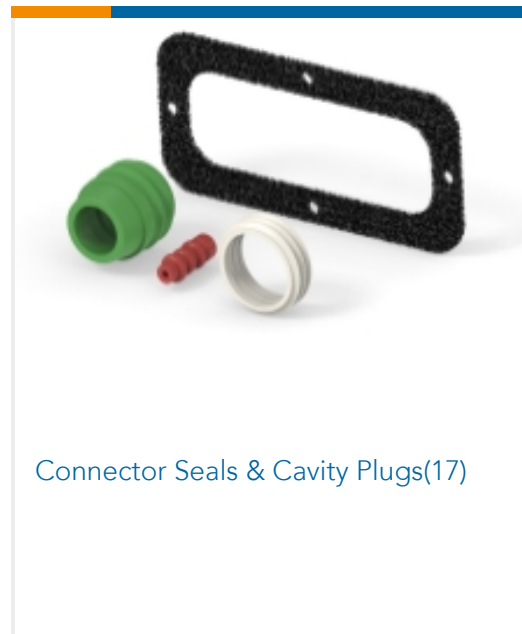
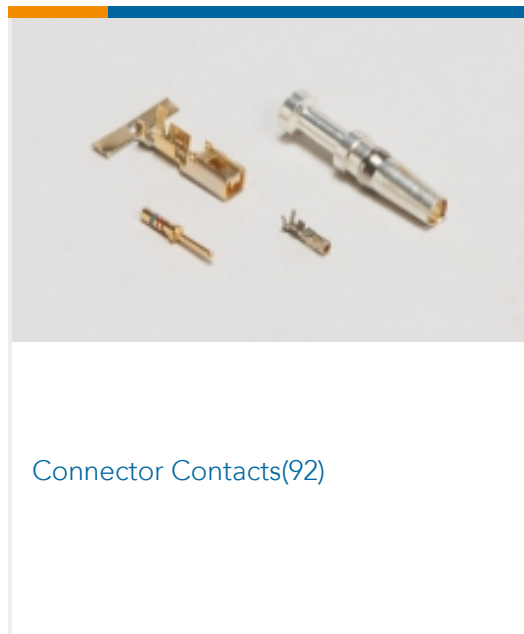
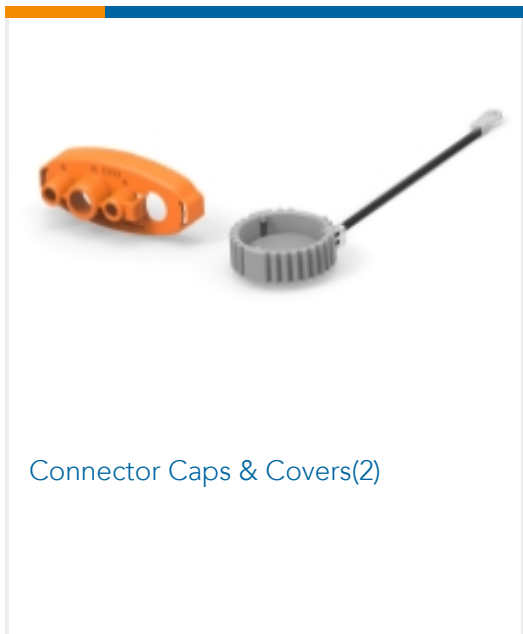
TE Part # 794941-1  
08P MINI UMNL CAP HSG



TE Part # 794895-1  
6 CIR MINI UMNL RND WIRE HOLES

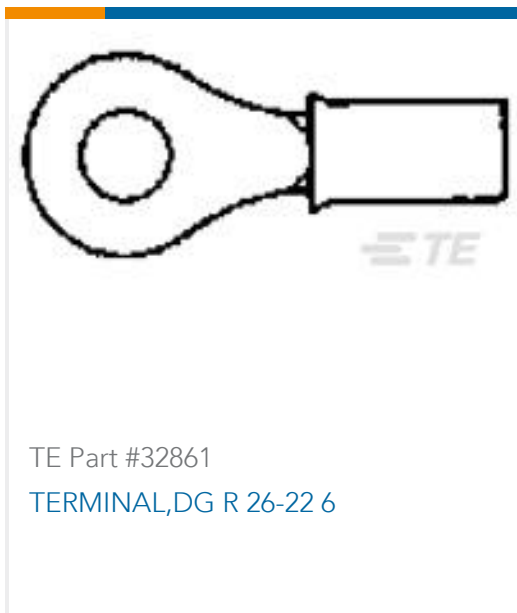


## Also in the Series | Mini-Universal MATE-N-LOK



## Customers Also Bought





## Documents

### Product Drawings

[MINI UMNL SOK 26-22AWG AU LP](#)

English

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_1-770986-0\\_H.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-770986-0\\_H.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1-770986-0\\_H.3d\\_stp.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-770986-0\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-770986-0\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-770986-0\\_D.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications Continued](#)

English

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English



**Product Specifications**

**Application Specification**

English

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English