

770834-1 ✓ ACTIVE



MATE-N-LOK

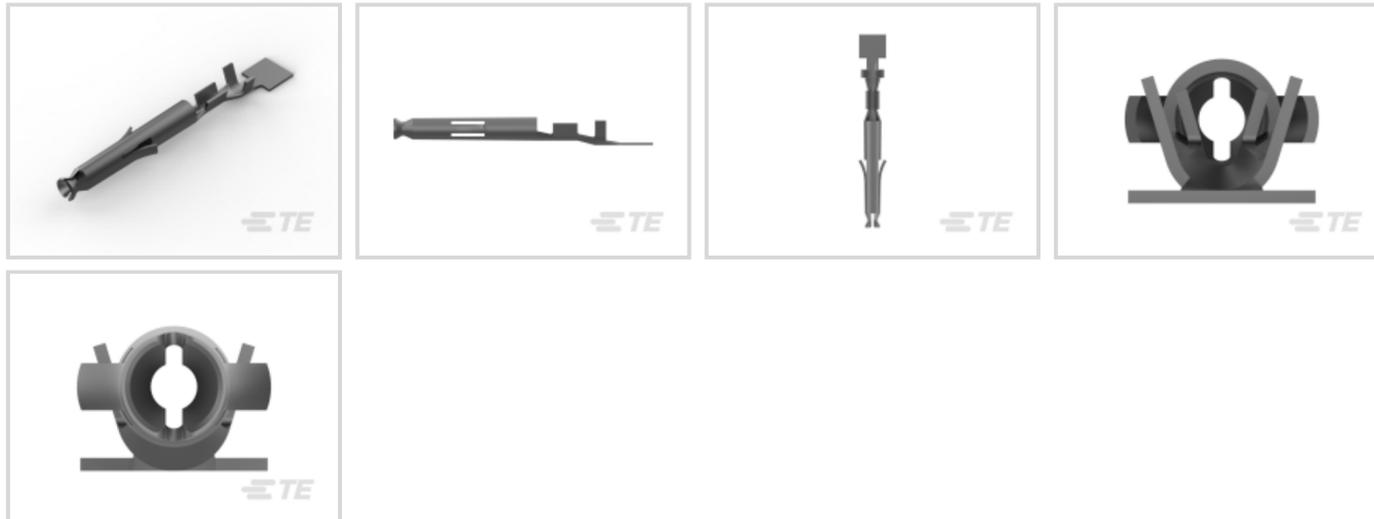
| Mini-Universal MATE-N-LOK, Mini Circular Plastic Connectors

TE Internal #: 770834-1

Tin (Sn), Socket Contact, 30 – 26 AWG, 600 VAC, 600 VDC, .05 – .15 mm² 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: **Tin (Sn)**

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

Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type Stranded

Electrical Characteristics

Operating Voltage 600 VDC

Contact Features

Contact Type Socket

Contact Mating Area Plating Material Tin (Sn)

Wire Contact Termination Area Plating Material Pre-Tin

Contact Retention Within Housing With

Contact Base Material Brass

Contact Current Rating (Max) 11.2 A

Mating Pin Diameter 1 mm [.039 in]

Wire Contact Termination Area Plating Thickness .4 μm [15.74 μin]

Wire Contact Termination Area Plating Material Finish Matte

Contact Orientation Straight



Termination Features

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

Mechanical Attachment

| | |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

| | |
|--------------------------------------|-------------------------------|
| Wire Size | .05 – .15 mm ² |
| Compatible Insulation Diameter Range | .89 – 1.27 mm [.035 – .05 in] |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|---|----------|
| Compatible With Agency/Standards Products | CSA, UL |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

| | |
|--------------------|-------|
| Packaging Quantity | 10000 |
| 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

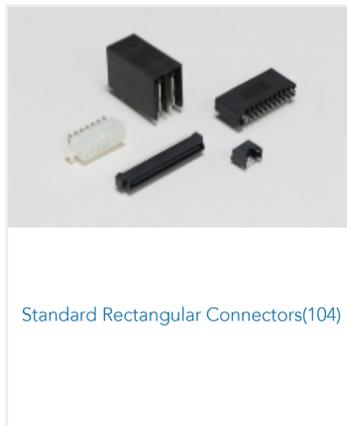
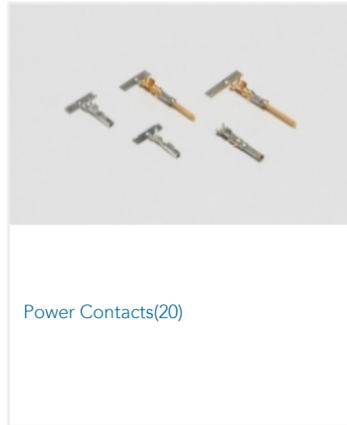
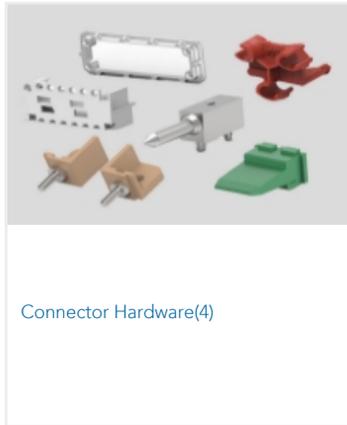
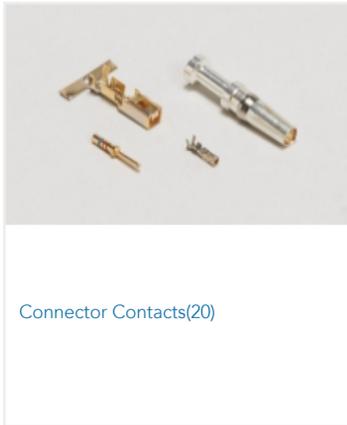
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

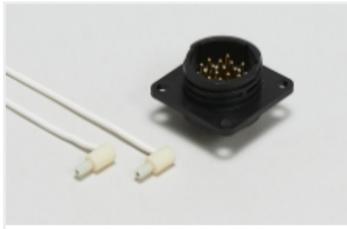




Also in the Series | **Mini-Universal MATE-N-LOK**



Also in the Series | **Mini Circular Plastic Connectors**



Circular Power Connectors(40)



Connector Contacts(20)

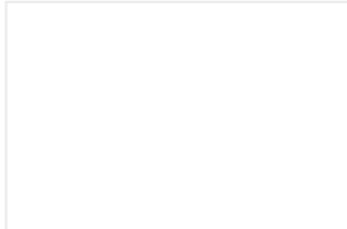


Power Contacts(20)

Customers Also Bought



TE Part #ZPF000000000203986
DMC-MD 26 E-T



TE Part #ZPF000000000101626
787-0016-00



TE Part #11025821-00
DISCRETE 2.2K OHM, +/-0.2C FROM
0C TO 70C



TE Part #66563-1
III+ SKT,24-20,30AU>10,STRIP



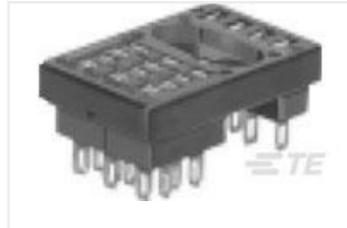
TE Part #350536-7
UMNL SOK 20-14 .0126 AUNI/BR



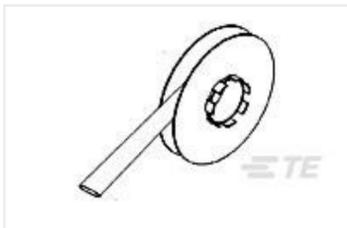
TE Part #1658644-1
HDP-20,RCPT,SIZE 2, 15 POSN,CL



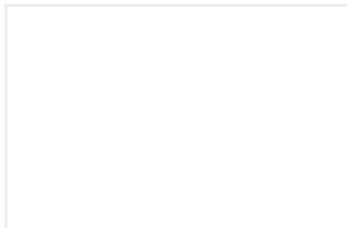
TE Part #2382718-1
40POS,NANOMQS,REC HSG,UNSLD,
COD A,STD



TE Part #3-1393143-1
27E271=SOCKET,R10,22,PC,PHEN



TE Part #141469-000
TTMS-6.4-4



TE Part #837342-000
TTMS-6.4-6

Documents

Product Drawings

[MINI UMNL SOCKET SN](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_770834-1_V.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_770834-1_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770834-1_V.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_770834-1_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_770834-1_P.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_770834-1_P.2d_dxf.zip](#)

English

3D PDF

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

Instruction Sheets

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

English

Agency Approvals

[Agency Approval Document](#)

English