

1-172156-2 ✓ ACTIVE

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

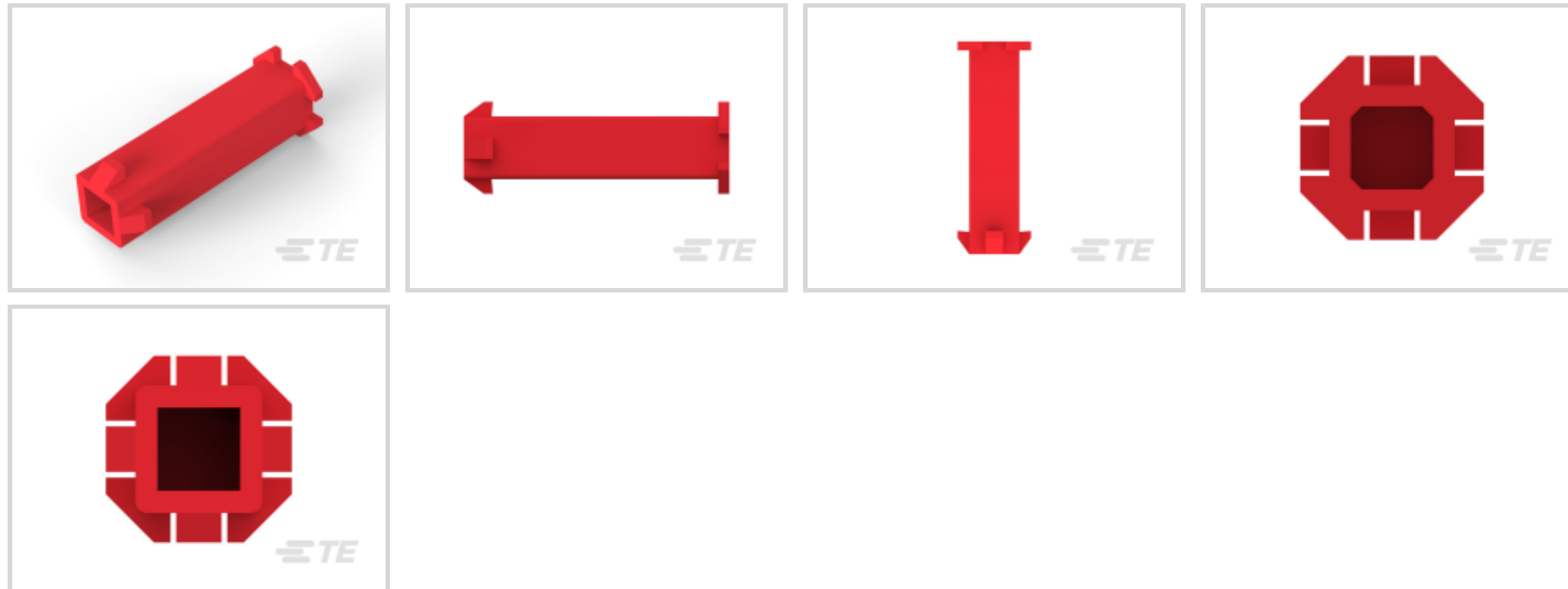
TE Internal #: 1-172156-2

1 Position, Receptacle, Housing, Crimp, Wire-to-Wire, UL 94V-0, 1 Row, 600 VAC, Wire & Cable, Power & Signal, Mini-Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Termination Method to Wire & Cable: **Crimp**

Connector System: **Wire-to-Wire**

Contact Retention Within Housing: **Without**

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Connector Product Type | Housing |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 1 |
| Number of Rows | 1 |
| Number of Power Positions | 1 |
| Number of Signal Positions | 0 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Body Features

| | |
|-----------------------|-----|
| Primary Product Color | Red |
|-----------------------|-----|



Contact Features

| | |
|----------------------------------|---------|
| Contact Retention Within Housing | Without |
| Contact Type | Pin |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|------------------|-------------|
| Housing Material | Nylon 66 GF |
|------------------|-------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -20 – 105 °C[-4 – 221 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

Packaging Features

| | |
|--------------------|---------|
| Packaging Quantity | 1200 |
| Packaging Method | Package |

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 |


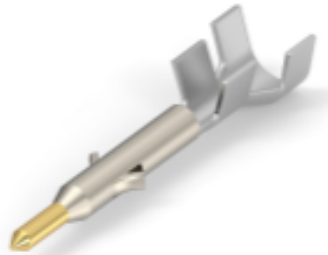


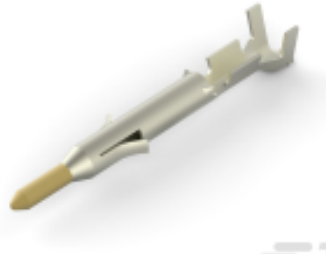

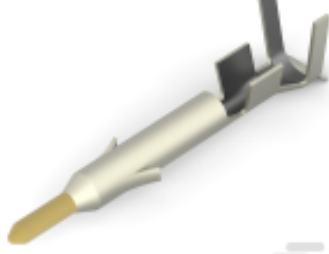
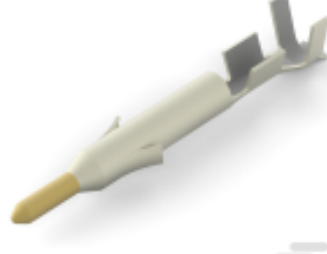
Solder Process Capability

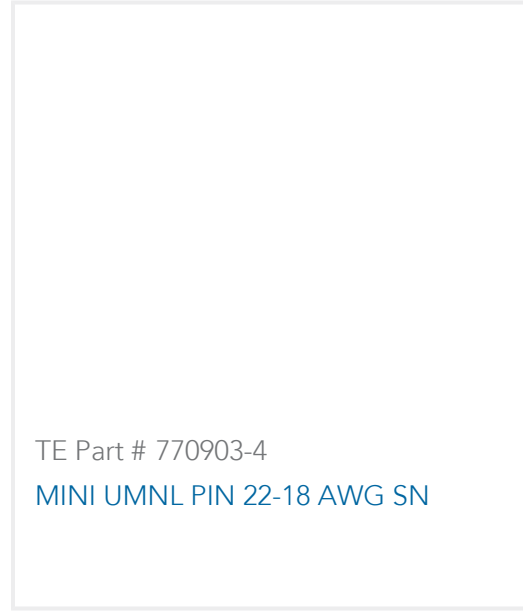
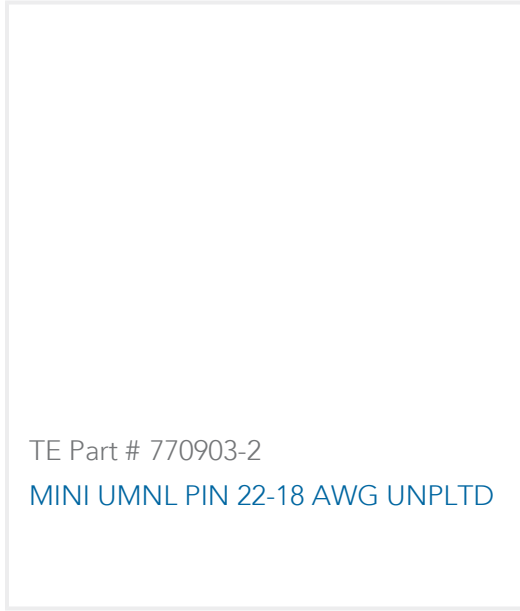
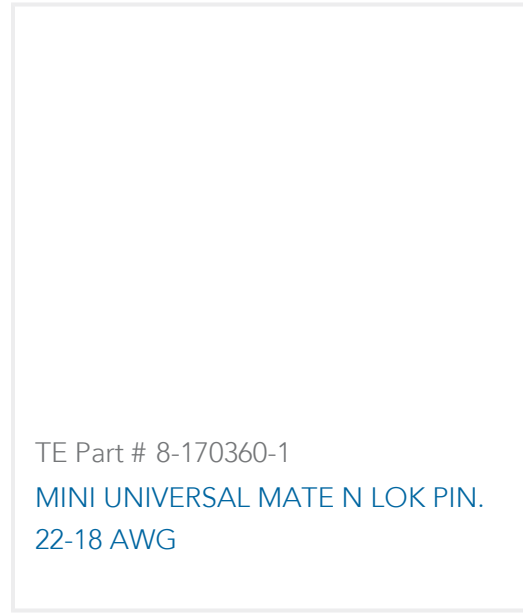
Not applicable for solder process capability

Product Compliance Disclaimer

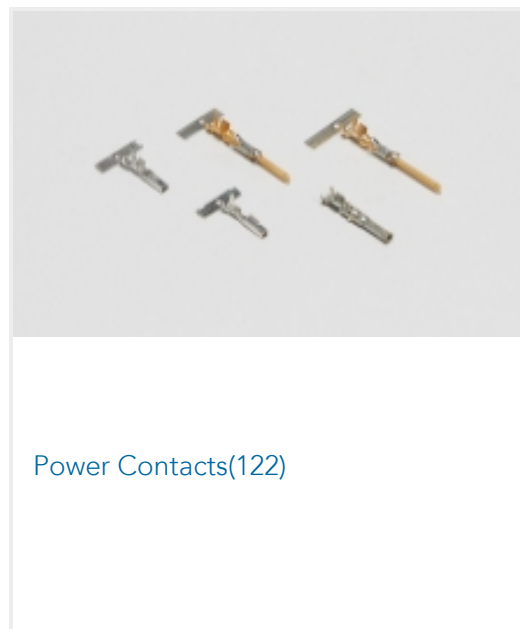
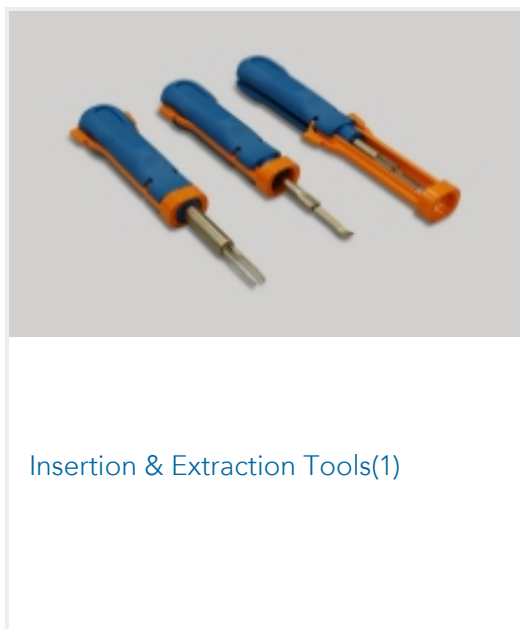
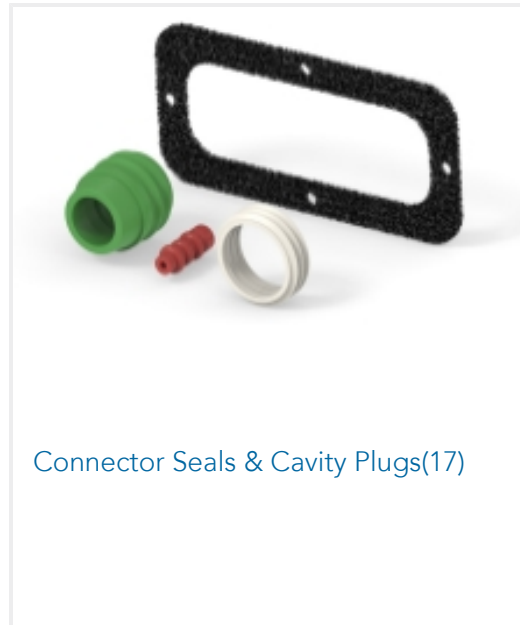
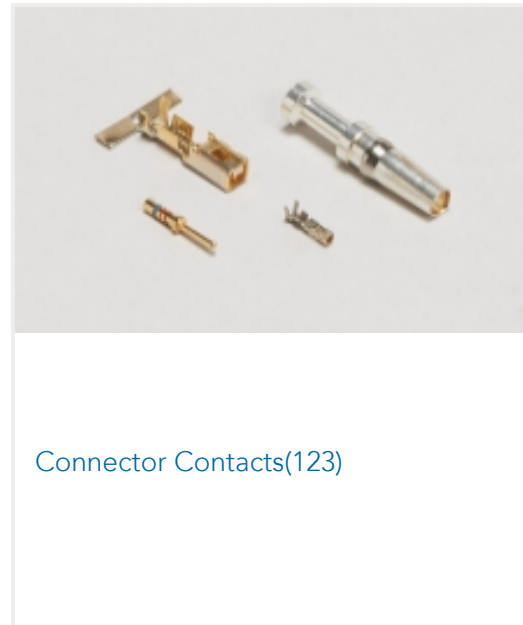
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

| | | | |
|---|--|---|--|
| <p>TE Part # 770903-5 MINI UMNL PIN 22-18 AWG UNPLTD</p> | <p>TE Part # 8-170359-1 MINI UNIVERSAL MATE N LOK PIN. 26-22 AWG</p> | <p>TE Part # 8-170359-4 MINI UNIVERSAL MATE N LOK PIN. 26-22 AWG</p> | <p>TE Part # 2354053-2 MINI UMNL PIN 20-18 AWG SN LP</p> |
|  <p>TE Part # 794059-1 MINI UMNL PIN L/P</p> |  <p>TE Part # 794406-3 MINI UMNL CONT 20-16AWG AU</p> |  <p>TE Part # 170363-4 MINI UNIVERSAL M-N-L PIN LP</p> |  <p>TE Part # 171638-1 MINI U-M-N-L PIN CONT. L.P</p> |
|  <p>TE Part # 170363-3 MINI UNIVERSAL M-N-L PIN LP</p> |  <p>TE Part # 170359-4 UNIV. M-N-L PIN</p> |  <p>TE Part # 770903-6 MINI UMNL PIN 22-18 AWG AU</p> |  <p>TE Part # 770901-3 MINI UMNL PIN 26-22 AWG AU</p> |



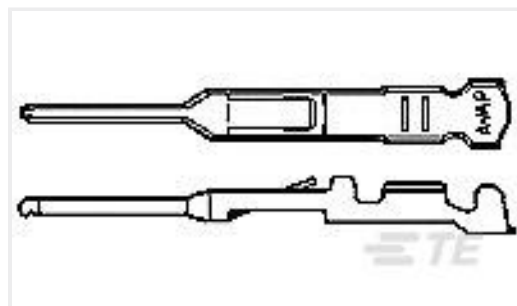
Also in the Series | **Mini-Universal MATE-N-LOK**



Customers Also Bought



TE Part #170263-3
EIS CONNECTOR FORMING



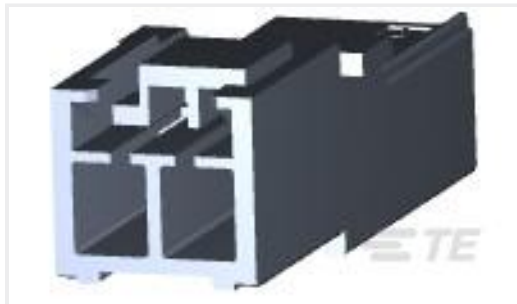
TE Part #170377-3
EIS PIN CONT GOLD



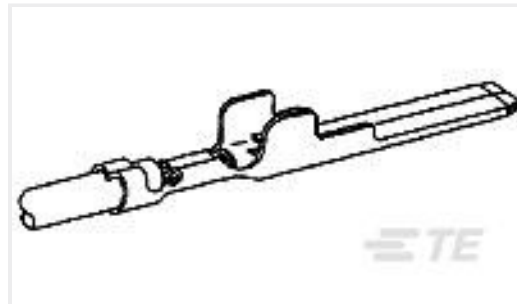
TE Part #3-173977-4
CT MT REC ASSY 14P BLUE



TE Part #2-175133-8
CT DOUBLE ROW 28P HOLDER
NATU.



TE Part #176282-9
AMP UNIVERSAL POWER CAP 2P



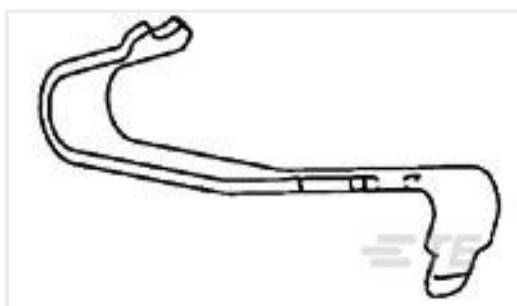
TE Part #1-179322-2
HYBRID MINI DRAWER TAB CONT.



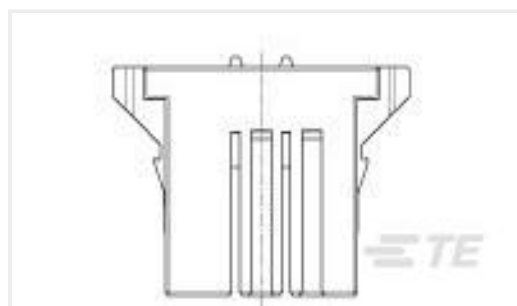
TE Part #2-292215-2
MINI CT SGL RELAY 2P BLACK



TE Part #917251-5
DYNAMIC D-3400F HDR ASSY 20P H



TE Part #1565644-2
SEQUENTIAL CLIP (FOR DYNAMIC 3)



TE Part #1-1565878-3
DYNAMIC3200 SINGLE REC HSG 3P
SEQUENTIAL

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-172156-2_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172156-2_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172156-2_G.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[mini-universal-mate-n-lok-connectors](#)

English

Product Specifications



Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English