

794942-1 ✓ ACTIVE

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

TE Internal #: 794942-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 10 Position, .162 in [4.14 mm] Centerline, Mini-Universal MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **10**

Centerline (Pitch): **4.14 mm [ .162 in ]**

## Features

### Product Type Features

|                                   |                             |
|-----------------------------------|-----------------------------|
| Rectangular Power Connector Type  | Housing                     |
| Connector & Housing Type          | Receptacle                  |
| Connector System                  | Wire-to-Panel, Wire-to-Wire |
| Sealable                          | No                          |
| Connector & Contact Terminates To | Wire & Cable                |

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 10 |
| Number of Rows      | 2  |

### Electrical Characteristics

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

### Contact Features

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



### Termination Features

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

### Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| Panel Mount Feature      | With          |
| Panel Mount Feature Type | Mounting Ears |
| Connector Mounting Type  | Panel Mount   |

### Housing Features

|                    |                   |
|--------------------|-------------------|
| Centerline (Pitch) | 4.14 mm [.162 in] |
| Housing Color      | Natural           |
| Housing Material   | Nylon             |

### Dimensions

|                    |                            |
|--------------------|----------------------------|
| Row-to-Row Spacing | 4.14 mm [.162 in]          |
| Panel Thickness    | .8 – 2 mm [.031 – .078 in] |

### Usage Conditions

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

### Operation/Application

|                              |                |
|------------------------------|----------------|
| Assembly Integration Feature | Without        |
| Circuit Application          | Power & Signal |

### Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-0                      |
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| VDE Tested             | No                            |

### Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 1       |

### Other

|              |   |
|--------------|---|
| For Use With | Mini-Universal MATE-N-LOK Sealed Plug Housing |
|--------------|---|

### Product Compliance

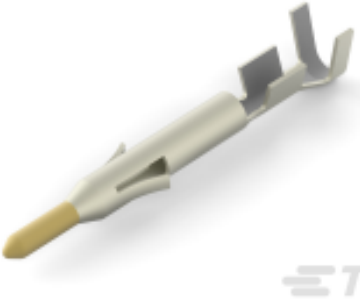
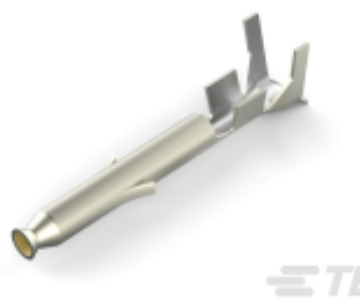
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not applicable for solder process capability  |




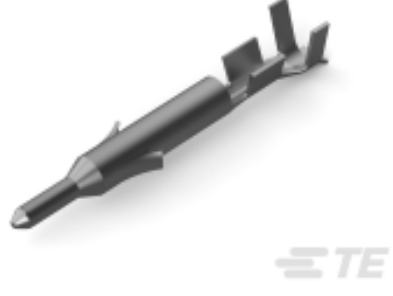

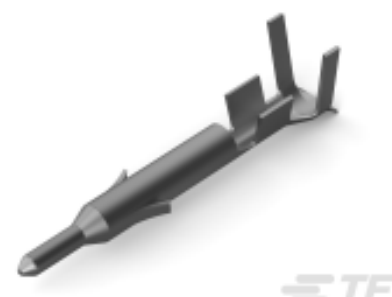

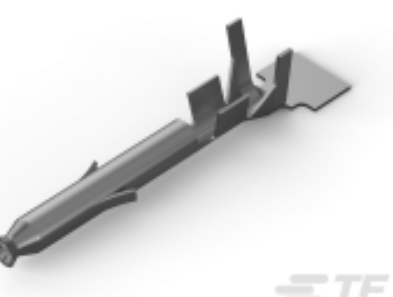

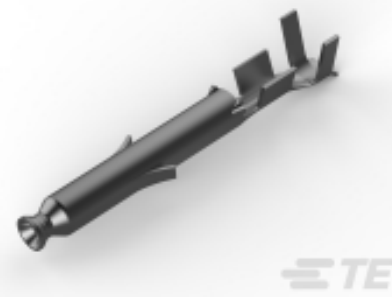


## Product Compliance Disclaimer

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>



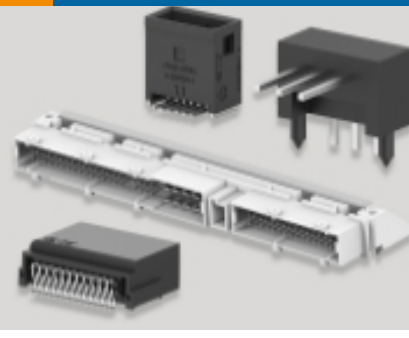





## Compatible Parts

|  |   |  |  |
|--|---|--|--|
|  <p>TE Part # 1-770985-0<br/>MINI UMNL PIN 26-22AWG AU LP</p> |  <p>TE Part # 1-770987-0<br/>MINI UMNL PIN 22-18 AWG AU LP</p> |  <p>TE Part # 794781-1<br/>10P MINI UMNL PLUG HSG</p>       |  <p>TE Part # 770988-3<br/>MINI UMNL SOK 22-18AWG AU LP</p> |
|  <p>TE Part # 770988-1<br/>MINI UMNL SOK 22-18AWG SN LP</p>   |  <p>TE Part # 770986-1<br/>MINI UMNL SOK 26-22AWG SN LP</p>    |  <p>TE Part # 770985-1<br/>MINI UMNL PIN 26-22AWG SN LP</p> |  <p>TE Part # 770903-3<br/>MINI UMNL PIN 22-18 AWG AU</p>   |

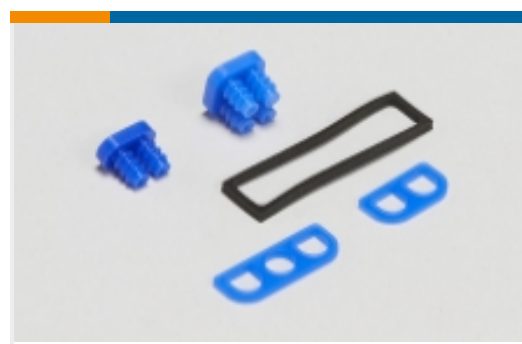


|  |   |  |  |
|--|---|--|--|
|  <p>TE Part # 1-770902-1<br/>MINI UMNL SOK 26-22 AWG AU LF</p>  |  <p>TE Part # 770902-3<br/>MINI UMNL SOK 26-22 AWG AU</p>    |  <p>TE Part # 1-770902-0<br/>MINI UMNL SOK 26-22 AWG AU</p>   |  <p>TE Part # 770901-1<br/>MINI UMNL PIN 26-22 AWG SN</p>     |
|  <p>TE Part # 1-770904-0<br/>MINI UMNL SOK 22-18 AWG AU</p>     |  <p>TE Part # 770903-1<br/>MINI UMNL PIN 22-18 AWG SN</p>    |  <p>TE Part # 770902-1<br/>MINI UMNL SOCK 26-22 AWG SN</p>    |  <p>TE Part # 770904-1<br/>MINI UMNL SOK 22-18 AWG SN</p>     |
|  <p>TE Part # 1-770904-1<br/>MINI UMNL SOK 22-18AWG AU LF</p> |  <p>TE Part # 770902-4<br/>MINI UMNL SOCK 26-22 AWG SN</p> |  <p>TE Part # 770987-1<br/>MINI UMNL PIN 22-18AWG SN LP</p> |  <p>TE Part # 770985-3<br/>MINI UMNL PIN 26-22AWG AU LP</p> |

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

|   |   |  |   |
|---|---|--|---|
|  <p>Connector Contacts(11)</p>                 |  <p>Insertion &amp; Extraction Tools(1)</p>      |  <p>PCB Headers &amp; Receptacles(1)</p>      |  <p>Power Contacts(85)</p>               |
|  <p>Rectangular Backshells &amp; Clamps(2)</p> |  <p>Rectangular Boots &amp; Strain Relief(2)</p> |  <p>Rectangular Connector Keying Plugs(2)</p> |  <p>Rectangular Connector Locking(2)</p> |



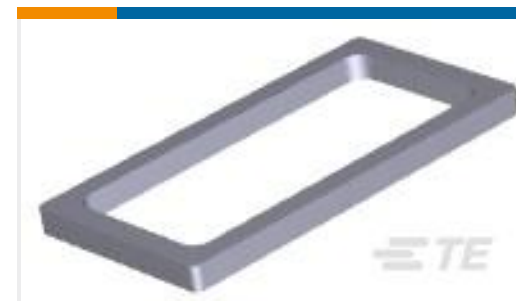


Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

## Customers Also Bought

TE Part #794781-1  
10P MINI UMNL PLUG HSGTE Part #794940-1  
06P MINI UMNL CAP HSGTE Part #2101012-1  
SMPM STR CABLE PLUGTE Part #794772-2  
02P MINI UMNL SEAL, DIE CUTTE Part #1-1586359-0  
10P MINIUMNL GANG WIRE SEAL DRTE Part #1586359-6  
06P MINIUMNL GANG WIRE SEAL DRTE Part #1744439-8  
EP2.5 Shrd HDR ASSY 8P VERT, GWTE Part #2157553-1  
RF BACKPLANE MODULE 8 POSTE Part #690495-1  
FRONT SHEAR PLATE

## Documents

### Product Drawings

[10P MINI UMNL CAP HSG](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_794942-1\\_D.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_794942-1\\_D.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_794942-1\\_D.3d\\_stp.zip](#)

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**3D PDF**

English

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English

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## Datasheets & Catalog Pages

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

English

[1-1773458-0\\_MINI\\_UNIVERSAL\\_MATE\\_N\\_LOK\\_CONNECTOR\\_SYSTEM\\_QRG](#)

English

## Product Specifications

[Product Specification](#)

English

[Mini-Universal MATE-N-LOK\\* Splash Proof Seals](#)

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[Product Specification](#)

English

## Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

## Instruction Sheets

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

English

## Agency Approvals

[Agency Approval Document](#)



English