



MATE-N-LOK | Mini-Universal MATE-N-LOK 2

TE Internal #: 794209-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 18 Position, 4.14 mm [.162 in] Centerline, Wire & Cable, Mini-Universal MATE-N-LOK 2

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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-Wire**

Number of Positions: **18**

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

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 18 |
| 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 | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

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] |
|--------------------|-------------------|

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 |
| UL Rating | Recognized |
| Agency/Standard Number | E28476 |
| VDE Tested | No |
| Agency/Standard | UL |

Packaging Features

| | |
|--------------------|-----|
| Packaging Method | Bag |
| Packaging Quantity | 100 |

Other

| | |
|--------------|--|
| For Use With | Mini-Universal MATE-N-LOK 2 Plug Housing |
|--------------|--|

Product Compliance


For compliance documentation, visit the product page on [TE.com](https://www.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) Candidate List Declared Against: JUNE 2022 (224) 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

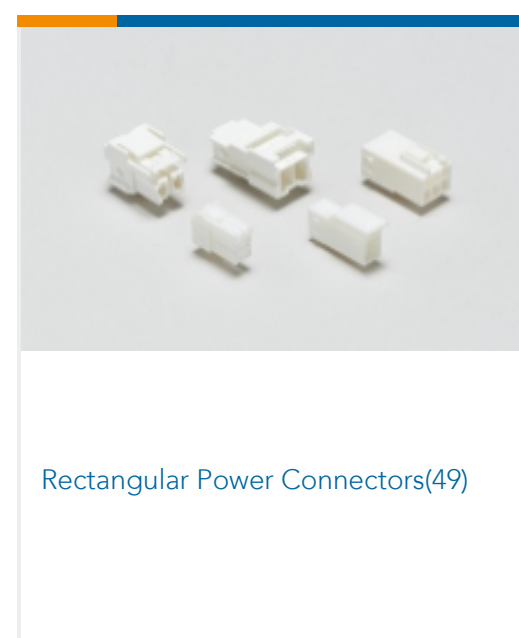
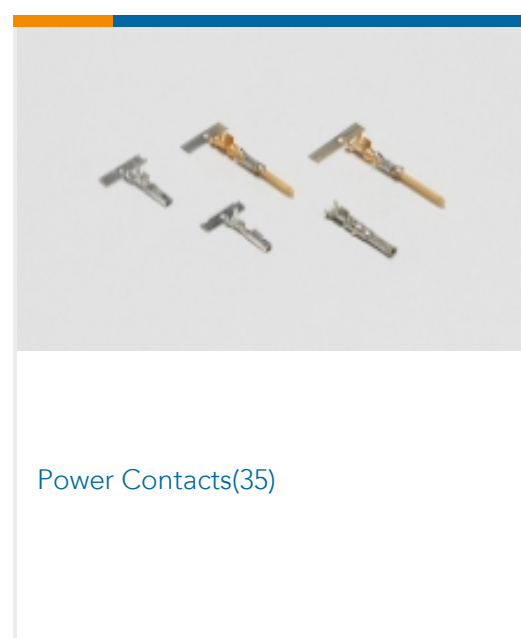
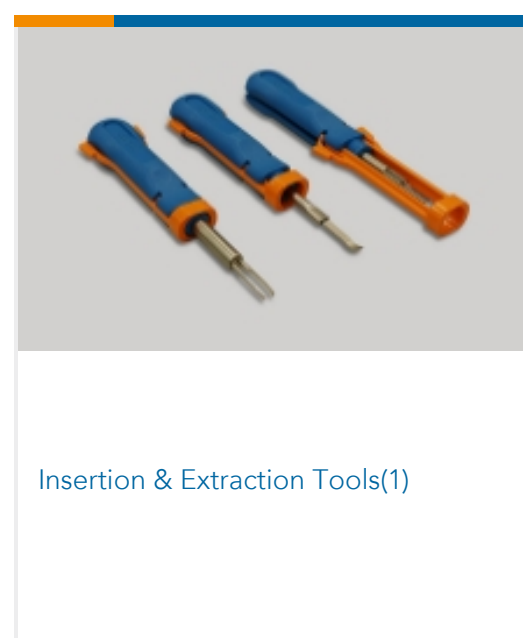
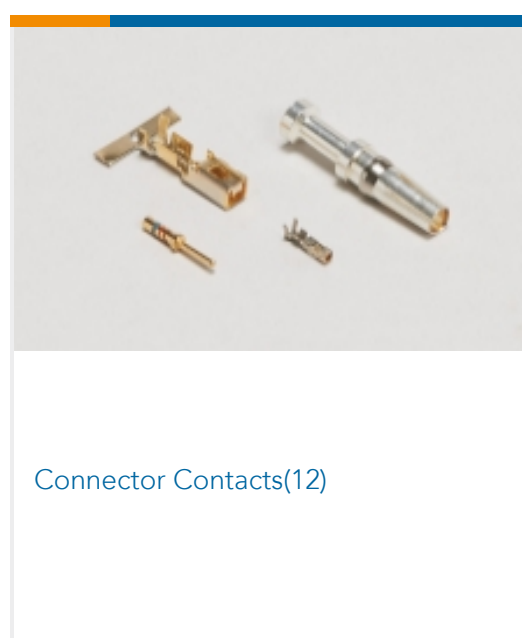
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-794228-0 MINI UMNL2 PIN 22-18 AWG AU LP</p> |  <p>TE Part # 794224-1 MINI UMNL2 PIN 30-26 AWG SN LP</p> |  <p>TE Part # 794229-3 MINI UMNL2 SOK 22-18 AWG AU LP</p> |  <p>TE Part # 1-794222-0 MINI UMNL2 PIN 20-16AWG AU LF</p> |
|  <p>TE Part # 1-794218-0 MINI UMNL2 PIN 26-22AWG AU LF</p> |  <p>TE Part # 1-794219-0 MINI UNML2 SOK 26-22 AWG AU LF</p> |  <p>TE Part # 1-794223-0 MINI UMNL2 SCKT 20-16AWG 30AU</p> |  <p>TE Part # 794222-1 MINI UMNL2 PIN 20-16AWG SN</p> |



Also in the Series | Mini-Universal MATE-N-LOK 2



Documents

Product Drawings

18P MINI UMNL2 CAP HSG UL94V0

English

CAD Files

Customer View Model

ENG_CVM_794209-1_A1.3d_igs.zip

English



Customer View Model

[ENG_CVM_794209-1_A1.3d_stp.zip](#)

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3D PDF

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Customer View Model

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

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Product Specifications

[Application Specification](#)

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Instruction Sheets

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