

1-1703061-2 ✓ ACTIVE

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

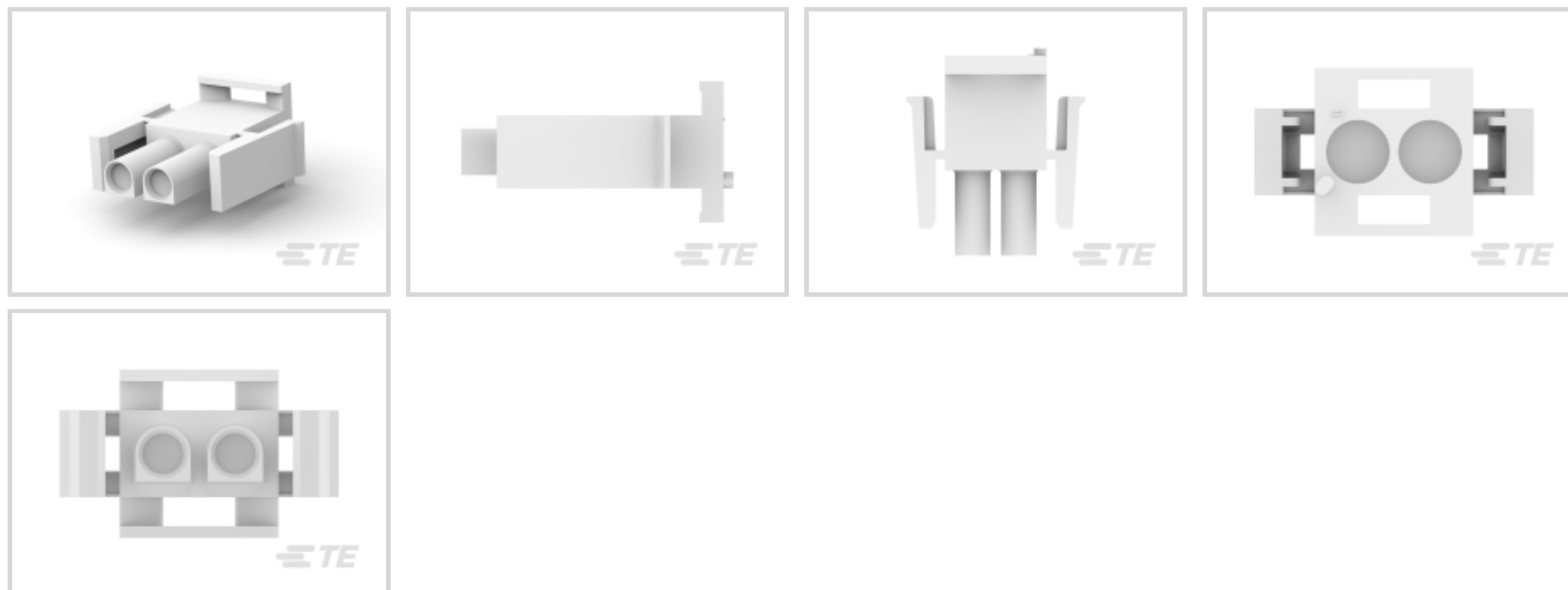
TE Internal #: 1-1703061-2

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 2 Position, .25 in [6.35 mm] Centerline, Wire & Cable, UL 94V-0, Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

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

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 2 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 0 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

| | |
|------------------------|---------|
| Multiple Contact Types | Without |
|------------------------|---------|



| | |
|----------------------------------|---------|
| Contact Layout | Inline |
| Contact Retention Within Housing | Without |
| Contact Type | Socket |

Termination Features

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

Mechanical Attachment

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

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 6.35 mm [.25 in] |
| Housing Color | Natural |
| Housing Material | PA 66 |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 125 °C [-67 – 257 °F] |
|-----------------------------|-----------------------------|

Operation/Application

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

Identification Marking

| | |
|--------------------------------|------|
| Circuit Identification Feature | With |
|--------------------------------|------|

Industry Standards

| | |
|------------------------|---------------------------|
| CSA Rating | Certified |
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | GWT 750°C (Without Flame) |
| UL Rating | Recognized |
| Agency/Standard Number | E28476 |
| CSA File Number | LR7189 |
| VDE Tested | Yes |
| Agency/Standard | CSA, UL |

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Bag |
| Packaging Quantity | 2000 |

Other



| | |
|--------------|--|
| For Use With | Appropriate Universal MATE-N-LOK Cap or Header |
|--------------|--|

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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed 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 # 926300-1 6P UNIV.M-N-L.PLUG</p> |  <p>TE Part # 926301-3 8P UN-MNL STECKGEH</p> |  <p>TE Part # 926299-3 5P UN-MNL STECKGEH</p> |  <p>TE Part # 926298-3 04P UNIV.M-N-L.PLUG</p> |
|--|--|--|---|




TE Part # 926298-6
UNML PLUG 4WAY



TE Part # 926299-5
UNML PLUG 5WAY



TE Part # 2178473-3
3POS UMNL PLUG HSG GW



TE Part # 794815-1
02P UMNL CAP HSG, HI TEMP



TE Part # 1-1703062-2
CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



TE Part # 1703061-1
PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



TE Part # 1-350779-9
04P UMNL V0 PLUG HSG BLACK



TE Part # 1703062-1
CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



TE Part # 1586856-1
02P UMNL CAP HSG, GW



TE Part # 1-1703061-3
PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK



TE Part # 926300-3
6P UN-MNL STECKGEH



TE Part # 926299-1
5P UNIV.M-N-L.PLUG



TE Part # 643250-1
02P UMNL ASSY MOD HSG V0



TE Part # 1703061-2
PLUG, 2 CIRCUIT, UNIVERSAL MATE-N-LOK




TE Part # 1703062-2
CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK




TE Part # 1703062-3
CAP, 2 CIRCUIT, UNIVERSAL MATE-N-LOK


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



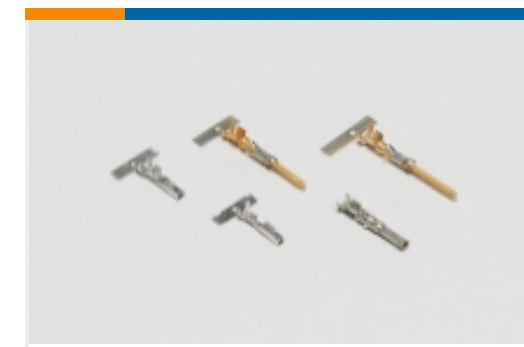
Circular Power Connectors(2)



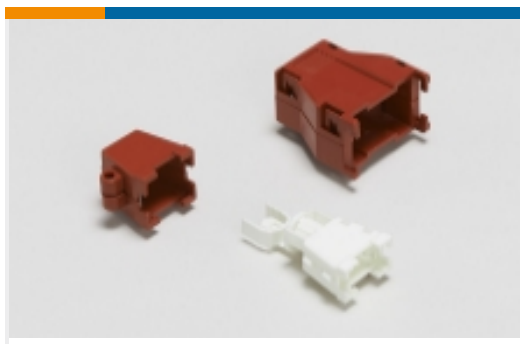
Connector Contacts(11)



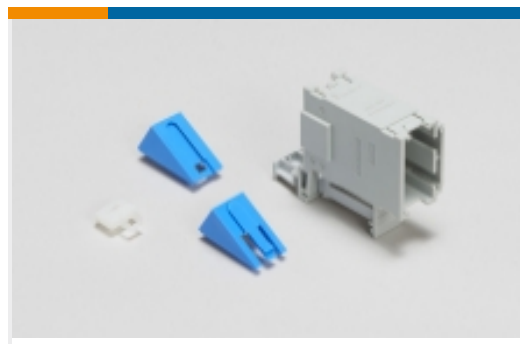
Insertion & Extraction Tools(4)



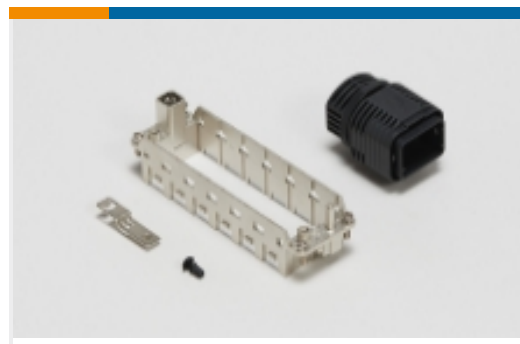
Power Contacts(207)



Rectangular Boots & Strain Relief(35)



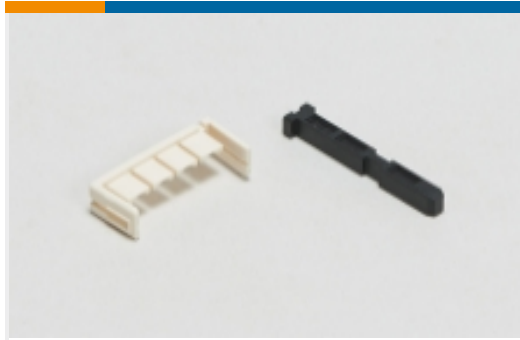
Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(729)

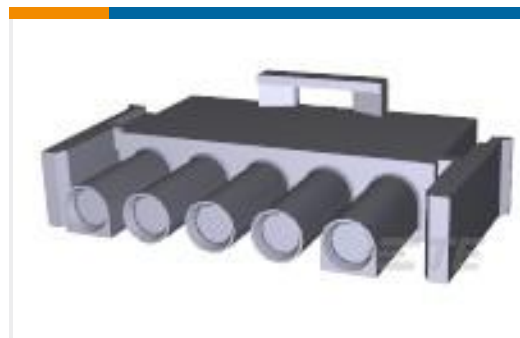
Customers Also Bought



TE Part #1-1863005-2
UMNL 12 WAY PLUG HOUSING



TE Part #926298-6
UNML PLUG 4WAY



TE Part #926299-5
UNML PLUG 5WAY



TE Part #1-1863003-2
UMNL 9WAY PLUG HOUSING



TE Part #2178473-2
3POS UMNL PLUG HSG V0 GW



TE Part #2178773-1
UMNL 6 WAY CAP HOUSING



TE Part #293350-1
AMPMODU MOD I REC HOUSING-PA66-black



TE Part #1969453-1
POSITIVE LOCK 250 HOUSING RECEPTACLE



TE Part #1743067-2
TERMINAL BLOCK FOR DRYER



TE Part #2292843-3
3P, POSITIVE-LOCK HOUSING, MKIII .250 SE

Documents



Product Drawings

PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1703061-2_A_c-1-1703061-2-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1703061-2_A_c-1-1703061-2-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1703061-2_A_c-1-1703061-2-a.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Glow Wire, V-0 Universal MATE-N-LOK Connector Housings Flyer

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1-1703061-2_06122018123_dmtec

English

MD_1-1703061-2_06122018123_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English