



Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**Operating Voltage: **600 VDC**Contact Mating Area Plating Material: **Gold**Wire Size: **26 – 22 AWG**

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Power Contact Type | Contact |
| Connector System | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

Electrical Characteristics

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

Contact Features

| | |
|--|-----------------------------|
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 11.2 A |
| Contact Type | Socket |
| Contact Retention Within Housing | With |
| Mating Pin Diameter | 1 mm [.039 in] |
| Contact Base Material | Brass |
| Contact Mating Area Plating Material Thickness | .76 μ m [30 μ in] |
| Wire Contact Termination Area Plating Material Thickness | 2.54 μ m [100 μ in] |
| Wire Contact Termination Area Plating Material | Tin-Lead |



| | |
|---|-----------------|
| Wire Contact Termination Area Plating Material Finish | Bright |
| Contact Orientation | Straight |
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.27 µm[50 µin] |

Termination Features

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

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Wire Insulation Support | Without |

Dimensions

| | |
|--|--------------------------------|
| Wire Size | .12 – .4 mm ² |
| Accepts Wire Insulation Diameter Range | 1.19 – 1.75 mm[.047 – .069 in] |

Usage Conditions

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

Operation/Application

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

Industry Standards

| | |
|------------------------|-------------------------------|
| CSA Rating | Certified |
| Glow Wire Rating | Standard Part - Not Glow Wire |
| VDE Tested | No |
| Agency/Standard | CSA, UL |
| CSA File Number | LR 7189 |
| UL Rating | Recognized |
| UL Flammability Rating | UL 94V-0 |
| UL File Number | E28476 |

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Reel |
| Packaging Quantity | 7000 |

Other

| | |
|-----------------|---------------|
| Wire/Cable Type | Discrete Wire |
| Wire Type | Stranded |



| | |
|--------------|--|
| For Use With | Plug Housing |
| Comment | HDM Applicator part number ending in -3 is used on AMPOMATOR CLS Machine with T or G Terminators, -4 is used on AMP-O-LECTRIC Model K Machine, -5 is used on AMP-O-LECTRIC Model G Machines. |

Product Compliance

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

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUL 2019 (201) Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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




TE Model / Part # CAT-AM71-C83998EE
MINI CPC



TE Model / Part # 1-172331-2
UNIVERSAL MATE-N-LOK CAP 6P



TE Model / Part # 91529-1
CERTICRIMP 2, SAHT MINI UMNL




TE Model / Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Model / Part # 90758-1
PROCRIMP TL W/DIE MIN UNIV MNL



TE Model / Part # 1-172338-2
4CIR MINI-UMNL PLUG RED



TE Model / Part # 455830-1
INSERTION TOOL



TE Model / Part # 1-172157-9
2CIR MINI U-M-N-L CAP BLCK



TE Model / Part # 189727-1
EXTRACTION TOOL



TE Model / Part # 770587-1
24P MINI UMNL PLUG HSG



TE Model / Part # 770585-1
20P MINI UMNL PLUG HSG



TE Model / Part # 770582-1
14P MINI UMNL PLUG HSG



TE Model / Part # 794824-1
16P MINI UMNL PLUG HSG



TE Model / Part # 794940-1
06P MINI UMNL CAP HSG



TE Model / Part # 172341-1
MINI UMNL PLUG HOUSING 12P



TE Model / Part # 172334-1
MINI UMNL CAP HOUSING 15P



TE Model / Part # 770586-1
22P MINI UMNL PLUG HSG



TE Model / Part # 770581-1
12P MINI UMNL PLUG HSG



TE Model / Part # 172340-1
MINI UMNL PLUG HOUSING 9P

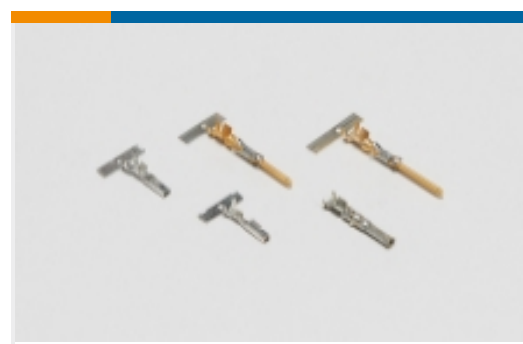


TE Model / Part # 770580-1
10P MINI UMNL PLUG HSG

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



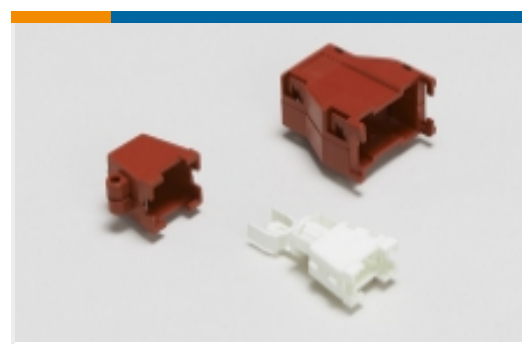
Connector Contacts(11)



Power Contacts(85)



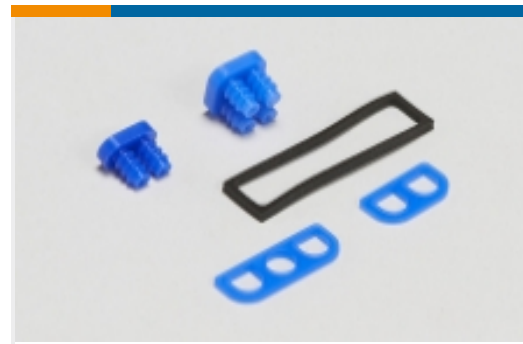
Rectangular Backshells & Clamps(2)



Rectangular Boots & Strain Relief(2)



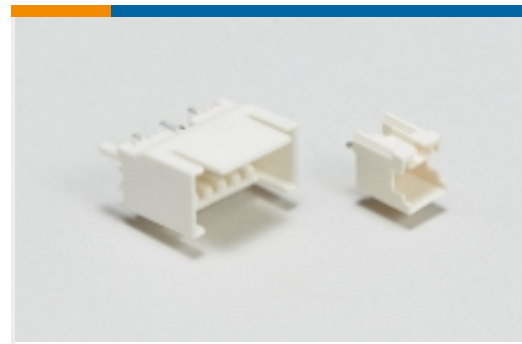
Rectangular Connector Keying Plugs(2)



Rectangular Connector Seals(18)



Rectangular Power Connectors(284)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



TE Model / Part #770903-3
MINI UMNL PIN 22-18 AWG AU



TE Model / Part #66740-1
TYPE XII FEMALE CONT (STRIP)



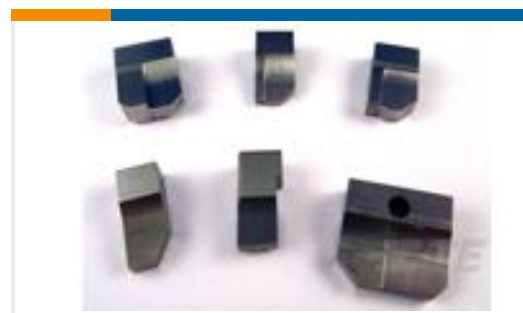
TE Model / Part #3-1579028-4
TOOL FOR SECONDARY LOCK



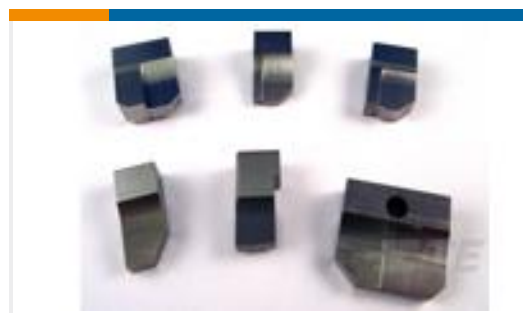
TE Model / Part #1633966-1
CRIMPER, INSUL O



TE Model / Part #5913836010
LSTT-6.4-0-25MM



TE Model / Part #2-1633138-2
ANVIL, COMBINATION



TE Model / Part #2-1633703-8
ANVIL, COMBINATION



TE Model / Part #2151123-2
OCEAN_2.0_APPLICATOR-S-062F1300A



TE Model / Part #2266425-1
OC-AT-S-FM-053F066O-096-1302



TE Model / Part #2836520-1
OCEAN_2.0_APPLICATOR-S-041F049O

Documents



Product Drawings

[MINI UMNL SOK 26-22 AWG AU](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_770902-3_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770902-3_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770902-3_T.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_770902-3_07092013057_dmtec](#)

English

[MD_770902-3_07092013057_dmtec](#)

English

Instruction Sheets

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

English

Agency Approvals

[Agency Approval Document](#)

English