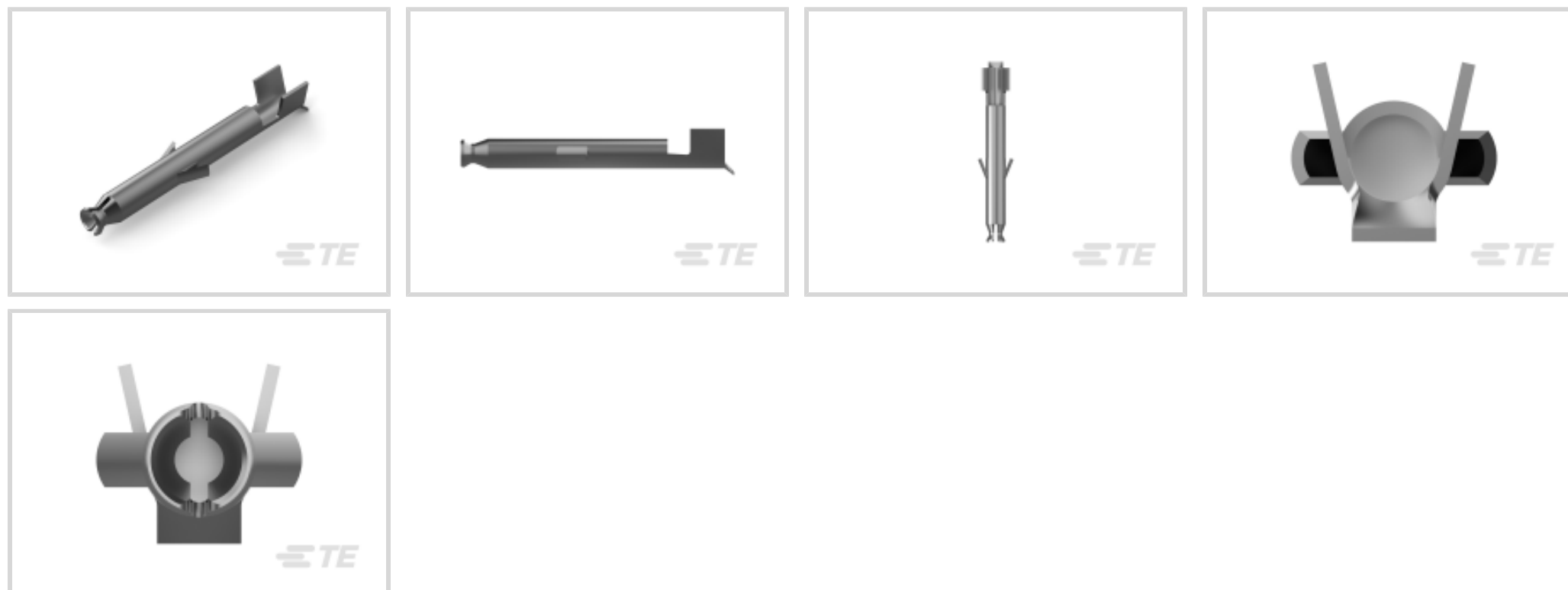




Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**Operating Voltage: **600 VDC**Contact Mating Area Plating Material: **Pre-Tin**Wire Size: **22 – 18 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	Pre-Tin
Contact Current Rating (Max)	9.5 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1 mm [.039 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	2.54 μm [100 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright



Contact Orientation	Straight
---------------------	----------

Termination Features

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

Mechanical Attachment

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

Wire Insulation Support	Without
-------------------------	---------

Dimensions

Wire Size	.3 – .9 mm ²
-----------	-------------------------

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 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	With locking lance.
---------	---------------------

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)

Candidate List Declared Against: JAN 2022 (223)

SVHC > Threshold:

Not Yet Reviewed

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

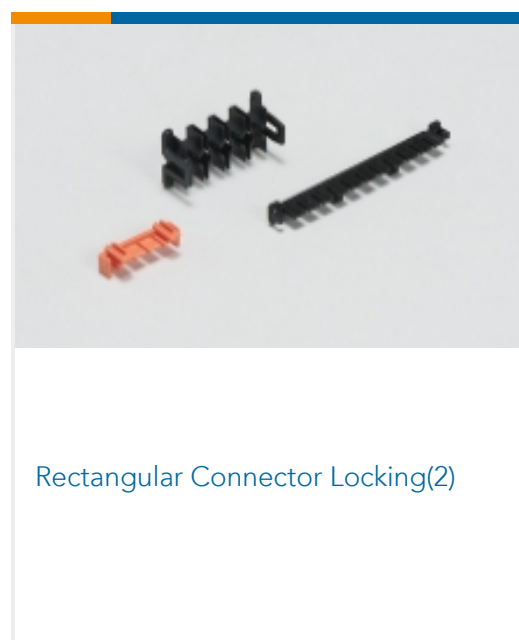
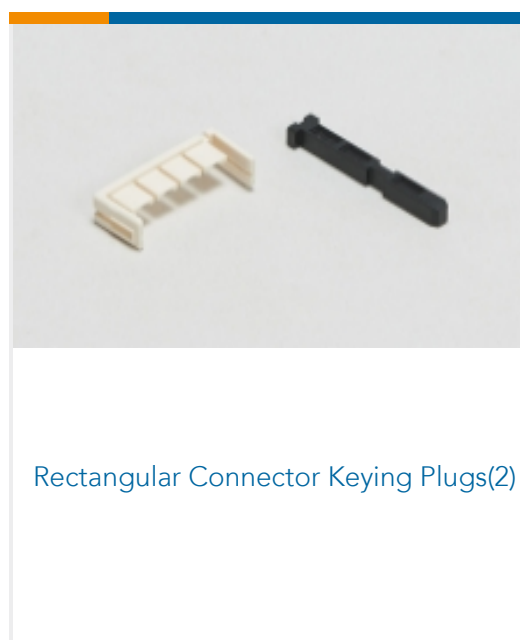
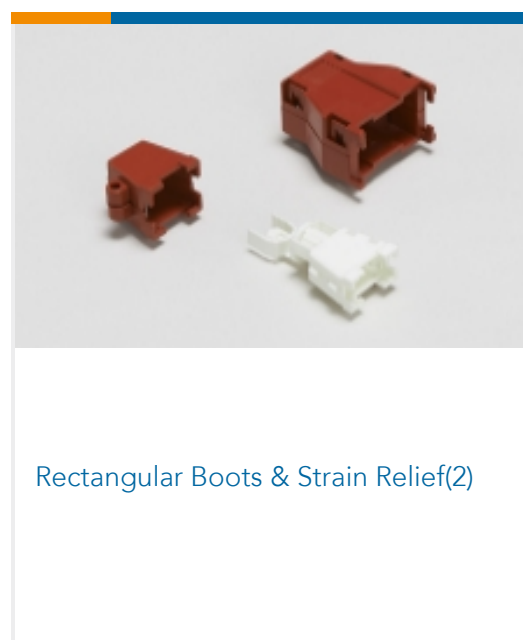
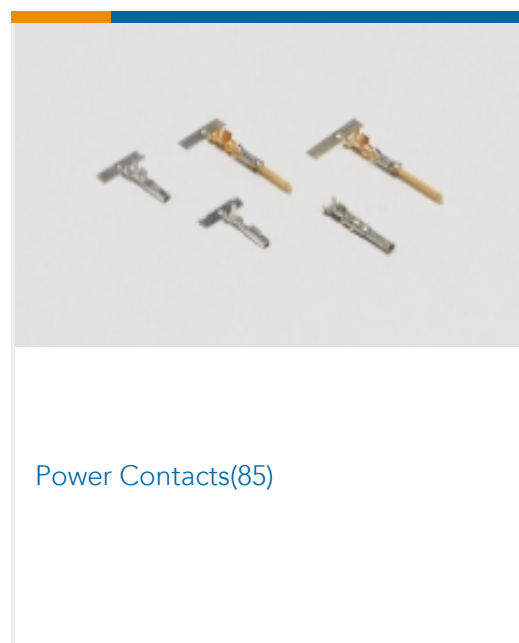
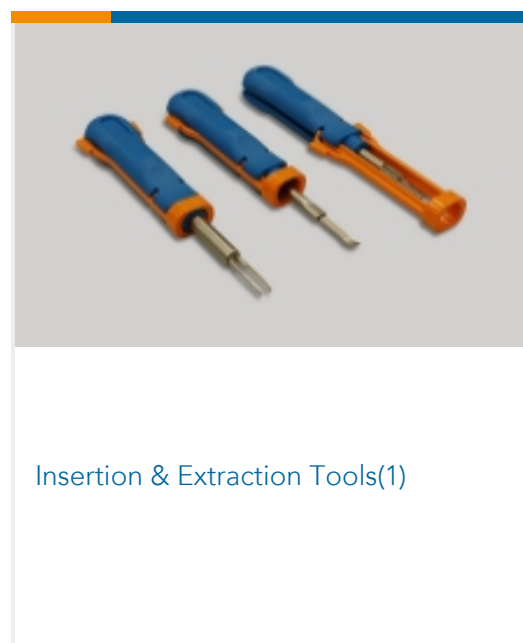
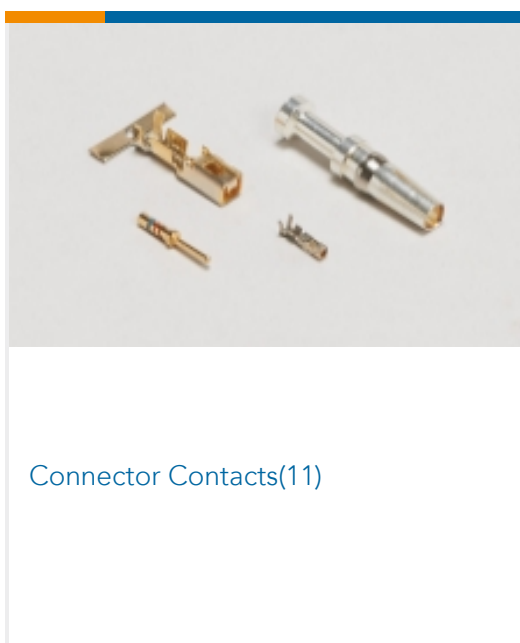
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

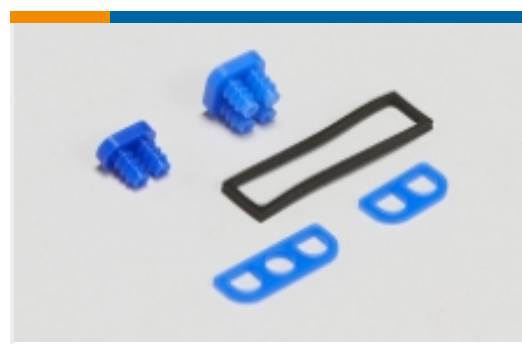
Compatible Parts





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



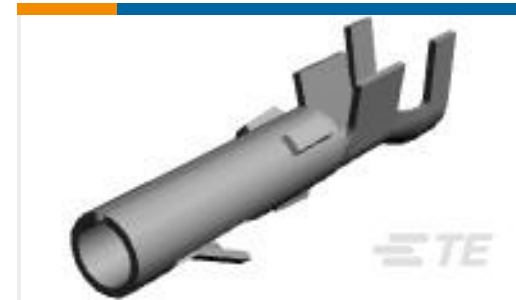
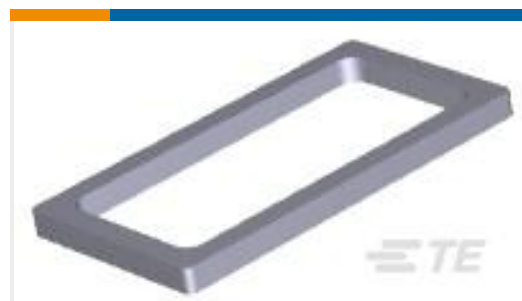


Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

Customers Also Bought

TE Part #1971781-2
PTL RECEPTACLE CONTACT, 14 AWGTE Part #794821-1
08P MINI UMNL PLUG HSGTE Part #794406-1
MINI UMNL CONT 20-16AWG SNTE Part #61117-4
CMNL SOK 20-14 TPPHBZTE Part #1-794772-0
10P MINI UMNL SEAL, DIE CUTTE Part #1586359-4
04P MINI UMNL GANG WIRE SEAL DRTE Part #1586359-2
02P MINI UMNL GANG WIRE SEAL DRTE Part #1028-027-0405
BKSHL, 4P, BLK, REC, ST, NW 8.5TE Part #770904-3
MINI UMNL SOK 22-18 AWG AUTE Part #794894-3
02P MINI UMNL PLUGS WIRE HOLES

Documents

Product Drawings

[MINI UMNL SKT SN 22-18 AWG](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_794831-1_G.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_794831-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794831-1_G.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

[1-1773458-0_MINI_UNIVERSAL_MATE_N_LOK_CONNECTOR_SYSTEM_QRG](#)

English

Product Environmental Compliance

[MD_794831-1_110320152059_dmtec](#)

English

[MD_794831-1_110320152059_dmtec](#)

English

Instruction Sheets

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

English