



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)	10.5 A
Contact Type	Pin
Contact Retention Within Housing	Without
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
-----------	-------------------------

Accepts Wire Insulation Diameter Range	1.5 – 2.39 mm [.059 – .094 in]
--	--------------------------------

Usage Conditions

Operating Temperature Range	-20 – 85 °C [-4 – 185 °F]
-----------------------------	---------------------------

Operation/Application

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

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
------------------	-------------------------------

VDE Tested	No
------------	----

Agency/Standard	CSA, UL
-----------------	---------

UL Rating	Recognized
-----------	------------

UL File Number	E28476
----------------	--------

Packaging Features

Packaging Method	Reel
------------------	------

Packaging Quantity	4500
--------------------	------

Other

Wire/Cable Type	Discrete Wire
-----------------	---------------

Wire Type	Stranded
-----------	----------

For Use With	Plug or Cap 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)

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



TE Part # 91522-1
CCII MINI UNML PIN SKT 22-18 ASSY



TE Part # 90759-1
PROCrimp TL W/DIE MIN UNIV MNL



TE Part # 189727-1
EXTRACTION TOOL



TE Part # 455830-1
INSERTION TOOL



TE Part # 794215-1
24P MINI UMNL2 CAP HSG UL94V0



TE Part # 794200-1
12P MINI UMNL2 PLUG HSG MATRIX



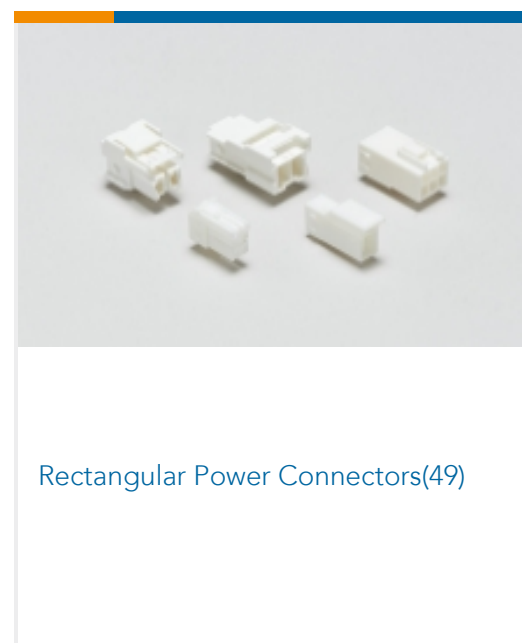
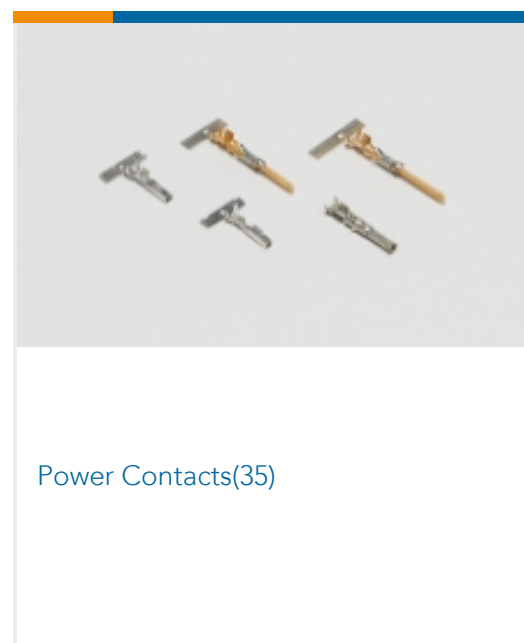
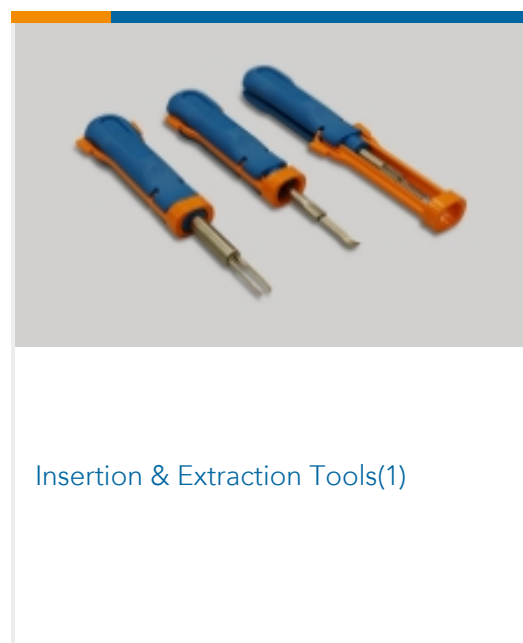
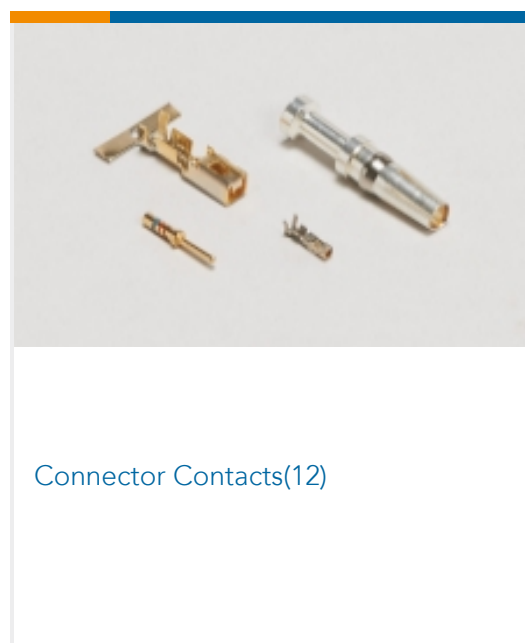
TE Part # 794210-1
20P MINI UMNL2 PLUG HSG UL94V0



TE Part # 794206-1
16P MINI UMNL2 PLUG HSG UL94V0



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



Customers Also Bought





TE Part #794760-1
06P UMNL CAP HSG WHITE, PAN MNT



TE Part #EG4100001
ES-CAP-NO.1-C1-0-35MM



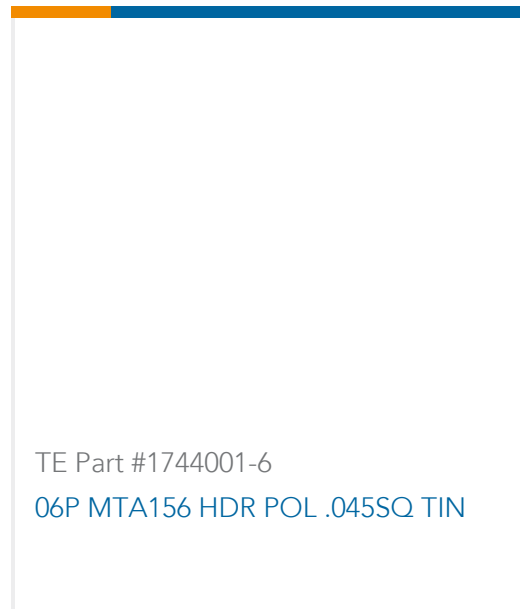
TE Part #794199-1
12P MINI UMNL2 CAP HSG DBLROW



TE Part #1625890-2
2W SM M/OX 5% 100K



TE Part #1744001-4
04P MTA156 HDR POL .045SQ TIN



TE Part #1744001-6
06P MTA156 HDR POL .045SQ TIN

Documents

Product Drawings

MINI UMNL2 PIN 22-18 AWG SN

English

CAD Files

Customer View Model

[ENG_CVM_794220-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_794220-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794220-1_F.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_794220-1_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794220-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794220-1_J.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

[Engineering Report](#)

English

Product Environmental Compliance

[MD_794220-1_06122018518_dmtec](#)

English

[MD_794220-1_06122018518_dmtec](#)

English