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Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1 mm[.039 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	Without



Contact Base Material	Brass
Contact Current Rating (Max)	10.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.19 – 1.75 mm[.047 – .069 in]
Wire Size	.12 – .4 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0, UL 94V-2

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 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

 TE Part # 794190-1 06P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 189727-1 EXTRACTION TOOL	 TE Part # 794198-1 12P MINI UMNL2 PLUG HSG DBLROW	 TE Part # 794203-1 14P MINI UMNL2 CAP HSG UL94V0
 TE Part # 794187-1 03P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794191-1 06P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794213-1 22P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794237-1 02P MINI UMNL2 PLUG HSG UL94V2
 TE Part # 794185-1 02P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794197-1 10P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794243-1 06P MINI UMNL2 PLUG HSG UL94V2	 TE Part # 794204-1 15P MINI UMNL2 PLUG HSG UL94V0



TE Part # 794253-1
12P MINI UMNL2 PLUG HSG MATRIX



TE Part # 794267-1
24P MINI UMNL2 PLUG HSG UL94V2



TE Part # 794207-1
16P MINI UMNL2 CAP HSG UL94V0



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



TE Part # 794260-1
16P MINI UMNL2 CAP HSG UL94V2



TE Part # 794192-1
08P MINI UMNL2 PLUG HSG UL94V0



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



TE Part # 794208-1
18P MINI UMNL2 PLUG HSG UL94V0

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



Connector Contacts(34)



Insertion & Extraction Tools(1)



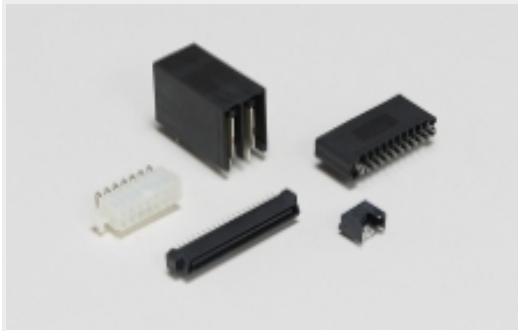
Power Contacts(33)



Rectangular Connector Housings(45)



Rectangular Power Connectors(45)



Standard Rectangular Connectors(45)

Customers Also Bought



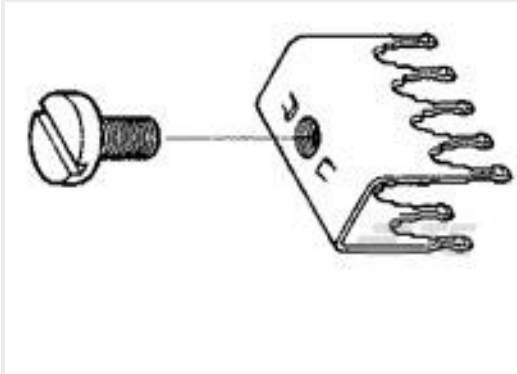
TE Part #1-794218-0
MINI UMNL2 PIN 26-22AWG AU LF



TE Part #1-794227-0
MINI UMNL2 SOK 26-22 AWG LP LF



TE Part #2399991-1
KIT, 2P RECPT DOCKING, BOT

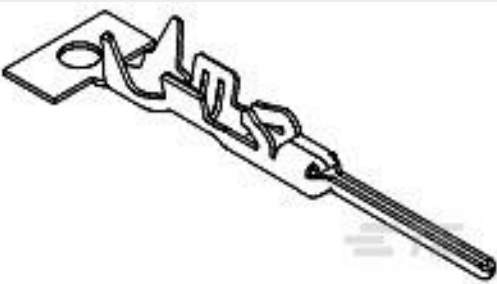


TE Part #5055558-4
10 POWER TAP ASSY .100





TE Part #001-0012
ANTENNA,2.4/5.5 GHz Dipole,IP67



TE Part #2106124-9
Contact, Tab, Tin Plated, Std Lgth, LP



TE Part #1-2176509-7
CJP 400W 33R 5% Lead



TE Part #890036-000
S1009-KIT-A



TE Part #5-1437685-0
6TK2-48=SNAP TRACK

TE Part #EG8836-000
400R1121-24-0/9-9

Documents

Product Drawings

MINI UMN12 PIN 26-22AWG LP LF

English

CAD Files

Customer View Model

ENG_CVM_1-794226-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_1-794226-0_D.3d_stp.zip

English

Customer View Model

ENG_CVM_1-794226-0_D.2d_dxf.zip

English

3D PDF

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

Product Specification

English