



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Mating Pin Diameter	1 mm[.039 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
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	1.5 – 2.39 mm[.059 – .094 in]
Wire Size	.3 – .9 mm²

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	4500
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

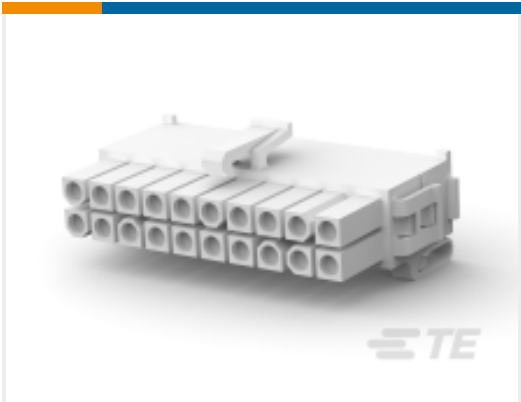
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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 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 # 794215-1 24P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794200-1 12P MINI UMNL2 PLUG HSG MATRIX
 TE Part # 794198-1 12P MINI UMNL2 PLUG HSG DBLROW	 TE Part # 794210-1 20P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794206-1 16P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794194-1 09P MINI UMNL2 PLUG HSG UL94V0
 TE Part # 794187-1 03P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794205-1 15P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794191-1 06P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794196-1 10P MINI UMNL2 PLUG HSG UL94V0



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

TE Part # 794193-1
08P MINI UMNL2 CAP HSG UL94V0

TE Part # 794241-1
04P MINI UMNL2 PLUG HSG UL94V2

TE Part # 794190-1
06P MINI UMNL2 PLUG HSG UL94V0

TE Part # 794186-1
03P MINI UMNL2 PLUG HSG UL94V0

TE Part # 794185-1
02P MINI UMNL2 CAP HSG UL94V0

TE Part # 794189-1
04P MINI UMNL2 CAP HSG UL94V0

TE Part # 794184-1
02P MINI UMNL2 PLUG HSG UL94V0

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

Connector Contacts(41)

Insertion & Extraction Tools(1)

Rectangular Power Connectors(45)

Customers Also Bought

TE Part #103653-1
02 MTE SHRD PIN HSG SR LATCH

TE Part #3-520404-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR

TE Part #6-160432-3
250 FASTON REC 20-16 AWG NPST

TE Part #1-794608-1
PIN CONT 20-24 15 GOLD STRIP

TE Part #926824-1
AM WIRE PIN 17-13 .013 BR

TE Part #1-215882-0
10 WAY GREY MK II RECP

TE Part #7421224003
RNF-3000 Heat Shrink Tubing

TE Part #962942-1
MT2 REC 1.6 Contact SRC Sn



Documents

Product Drawings

MINI UMN2 SOK 22-18AWG AU LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-794221-0_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-794221-0_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-794221-0_P.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

Product Specification

English

Product Specification

English