



Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Gold**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
Glow Wire Rating	Standard Part - Not Glow Wire
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Contact Resistance	20 mΩ
Operating Voltage	600 VDC

Contact Features

Contact Diameter	1.73 mm[.068 in]
Underplate Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Thickness	.76 μm[29.92 μin]
Contact Underplating Material	Nickel
Contact Type	Socket



Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Base Material	Brass
Contact Current Rating (Max)	10.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Dimensions

Accepts Wire Insulation Diameter Range	.89 – 1.27 mm[.035 – .05 in]
Wire Size	.05 – 1.2 mm ²

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

For Use With	Plug Housing
Circuit Application	Signal

Industry Standards

CSA Rating	Certified
CSA File Number	LR 7189
UL File Number	E28476
UL Rating	Recognized
UL Flammability Rating	UL 94V-0, UL 94V-2
Agency/Standard	CSA, UL, VDE
VDE Tested	Yes

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Other

Comment	These contacts can be used in either Mini-Universal MATE-N-LOK 2 Plug or Cap housings ONLY.
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 189727-1
EXTRACTION TOOL



TE Part # 794215-1
24P MINI UMN2 CAP HSG UL94V0

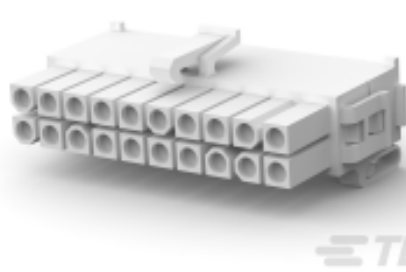
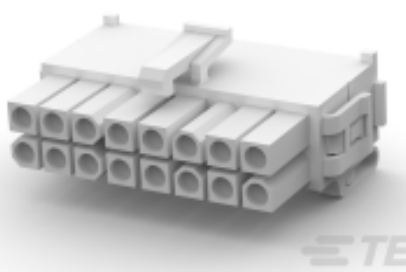
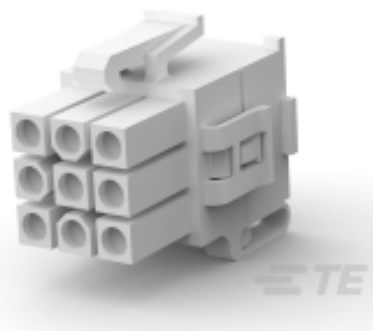
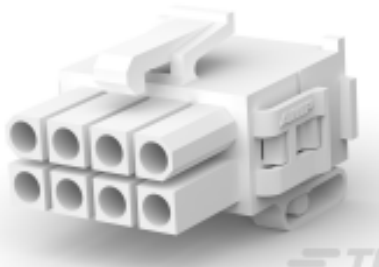
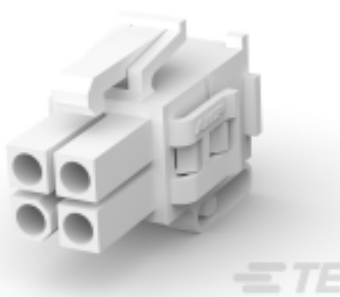
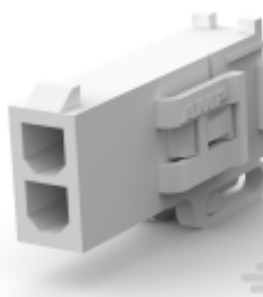
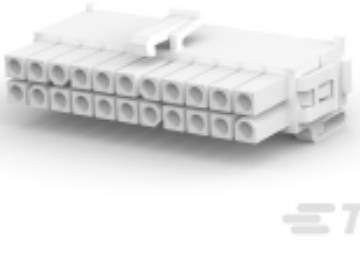
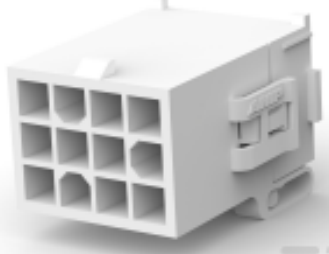


TE Part # 794200-1
12P MINI UMN2 PLUG HSG MATRIX



TE Part # 794198-1
12P MINI UMN2 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 # 794205-1 15P MINI UMNL2 CAP HSG UL94V0
 TE Part # 794191-1 06P MINI UMNL2 CAP 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 # 794184-1 02P MINI UMNL2 PLUG HSG UL94V0
 TE Part # 794212-1 22P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794188-1 04P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794197-1 10P MINI UMNL2 CAP HSG UL94V0	 TE Part # 794201-1 12P MINI UMNL2 CAP HSG MATRIX

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

 Connector Contacts(12)	 Insertion & Extraction Tools(1)	 Power Contacts(35)	 Rectangular Power Connectors(49)
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Customers Also Bought



TE Part #794249-1
10P MINI UMNL2 PLUG HSG UL94V2

TE Part #822551-000
Bulbous Heat Shrink Boots: Lipped, Right Angle

TE Part #806439-000
Low Profile Heat Shrink Boots: Poly Molded, Lipped, Straight

TE Part #167025-2
MOD-5 REC.CONTACT

TE Part #815763-001
22759/33-22-1

TE Part #2836275-1
OCEAN_2.0_Applicator-S-140F220F

TE Part #7-2150607-7
OCEAN_2.0_SPARE_PART_KIT-070F

TE Part #YACT20ME06SBV00100
SQUARE FLANGE RECEPTACLE

TE Part #4-1589472-5
STL025PC2DC012N = WDUALOBE

TE Part #4-1437561-7
TT11DGRA9T1/4= "SW TOGGLE WITH

Documents

Product Drawings

MINI UMNL2 SOK 30-26AWG LP LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_1-794225-0_E.3d_igs.zip

English

Customer View Model

ENG_CVM_1-794225-0_E.3d_stp.zip

English

Customer View Model

ENG_CVM_1-794225-0_E.2d_dxf.zip

English

3D PDF

English



Customer View Model

[ENG_CVM_CVM_1-794225-0_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794225-0_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794225-0_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English