



Connectors > Contacts > Connector Contacts



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

Features

Product Type Features

Discrete Wire Type	Stranded
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Diameter	1.8 mm[.071 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material 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	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	9.5 A



Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

Compatible Insulation Diameter Range	.89 - 1.52 mm[.035 - .05 in]
Wire Size	.05 - 1.2 mm ²

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, VDE
UL Flammability Rating	UL 94V-0

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	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # CAT-AM71-C83998EE Mini Circular Plastic Connectors (CPC)	TE Part # 189727-1 EXTRACTION TOOL	TE Part # 455830-1 INSERTION TOOL	TE Part # 770586-1 22P MINI UMNL PLUG HSG
TE Part # 770587-1 24P MINI UMNL PLUG HSG	TE Part # 770582-1 14P MINI UMNL PLUG HSG	TE Part # 770585-1 20P MINI UMNL PLUG HSG	TE Part # 172333-1 MINI UNIVERSAL M-N-L HOUSING
TE Part # 770581-1 12P MINI UMNL PLUG HSG	TE Part # 770580-1 10P MINI UMNL PLUG HSG	TE Part # 770584-1 18P MINI UMNL PLUG HSG	TE Part # 172328-1 MINI UNIVERSAL MATE-N-LOK CAP HOUSING 2P



TE Part # 172330-1
MINI UNIVERSAL MATE-N-LOK CAP
HOUSING 4P



TE Part # 172344-1
MINI UNIVERSAL MATE-N-LOK CAP
HOUSING 3P



TE Part # 172170-1
12 CIR UNIV M-N-L PLUG



TE Part # 172337-1
MINI UMNL PLUG HOUSING 3P



TE Part # 172171-1
15 CIR UNIV M-N-L PLUG



TE Part # 172162-1
12 CIR UNIV M-N-L CAP



TE Part # 172338-1
MINI UMNL PLUG HOUSING 4P



TE Part # 172163-1
15 CIR UNIV M-N-L CAP

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



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(197)

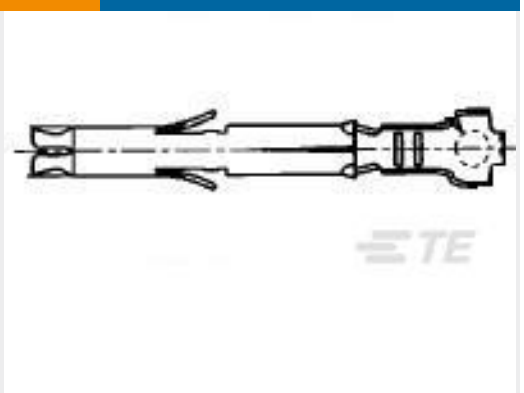
Customers Also Bought



TE Part # 794941-1
08P MINI UMNL CAP HSG



TE Part # 770988-3
MINI UMNL SOK 22-18AWG AU LP



TE Part # 170365-3
MINI UNIVERSAL M-N-L SOCKET LP



TE Part # 1-794407-0
MINI UMNL SOK 20-16 AWG AU LF





TE Part # 3-644615-2
02P MTA156 POL HDR ASSY LF



TE Part # 1-770904-1
MINI UMNL SOK 22-18AWG AU LF



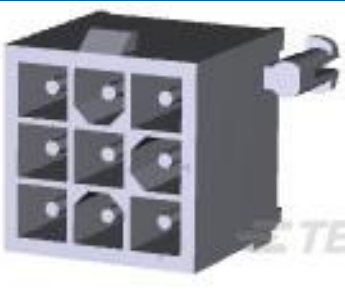
TE Part # 211401-8
RECEPT,SZ 13-7,CPC



TE Part # 7-1452668-1
MCON 1.2 LL REC SWS SN



TE Part # 1-770988-1
MINI UMNL SOK 22-18AWG LP LF



TE Part # 770876-1
09P MINI UMNL HDR ASSY SN

Documents

Product Drawings
MINI UMNL SOK L/P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_794058-3_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_794058-3_G1.3d_stp.zip

English

Customer View Model

ENG_CVM_794058-3_G1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794058-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794058-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794058-3_C.3d_stp.zip

English



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Datasheets & Catalog Pages
[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)
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Product Specifications
[Application Specification](#)
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