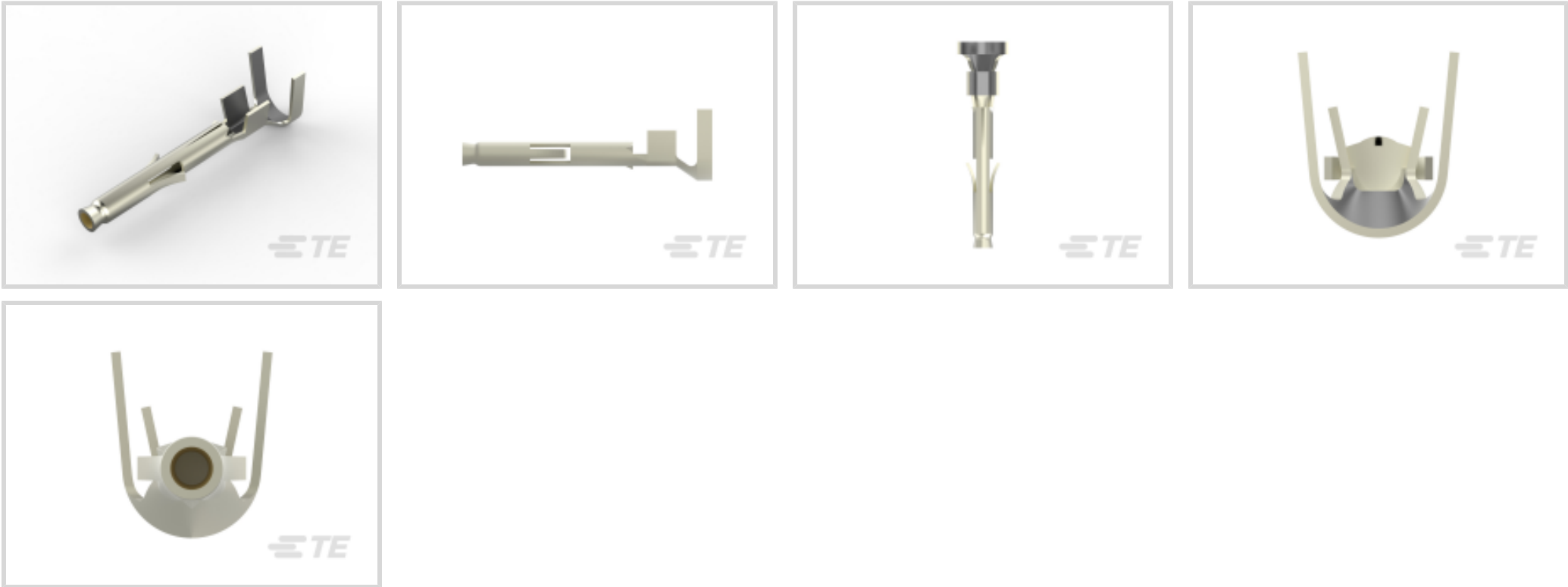




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **300 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	300 VDC
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Contact Features

Mating Pin Diameter	1 mm[.039 in]
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Material Finish	Bright
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	With
Contact Base Material	Brass
Contact Current Rating (Max)	11.2 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	2.4 mm[.094 in]
Wire Size	.52 - 1.31 mm ²

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	4000
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 91536-1 CCII MINI-UMNL PIN 20-18 16-20x2 ASSY	TE Part # 2151112-1 OCEAN_2.0_Applicator-S-070F140F-RSM	TE Part # 2151112-2 OCEAN_2.0_Applicator-S-070F140F-RSA	TE Part # 2836858-1 OCEAN_2.0_APPLICATION-S-160F210OV-RSM
TE Part # 2836858-2 OCEAN_2.0_APPLICATION-S-160F210OV-RSA	TE Part # 5-2151112-1 OCEAN_2.0_Applicator-S-070F140F-RSM	TE Part # 5-2151112-2 OCEAN_2.0_Applicator-S-070F140F-RSA	TE Part # 7-2151112-7 OCEAN_2.0_SPARE_PART_KIT-070F140F
TE Part # 7-2836859-7 OC-070F140F-752-CRIMPTOOLINGKIT	TE Part # 7-2151112-1 OCEAN_2.0_Applicator-S-070F140F	TE Part # 7-2151112-2 OCEAN_2.0_Applicator-S-070F140F	

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 # 1939839-1
ME 67M D1100 24P TX BLACK

TE Part # 1939840-1
ME 67M JACK CASE ASSY

TE Part # 2013504-1
ME CONN MOLD TYPE JACK CAP

TE Part # T0920013670-000
M SHIELD PLATE FOR HK-HDW3/1/1, BENDED

TE Part # T1220102025-000
H10B-TG-M20/M25,SHORT RIB

TE Part # T1233240140-000
H24B-XHTS-M40

TE Part # T3609250103-000
DLX-25-MC (13~18)

TE Part # ESB001N00330001000
615 PLUG

TE Part # T1243240140-000
H24B-XHTG-M40

TE Part # T3209201102-001
HSK-M20B-D

Documents



Product Drawings

MINI U-M-N-L SOCKET CONT AU

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5171637-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5171637-3_A.3d_stp.zip

English

Customer View Model

ENG_CVM_5171637-3_A.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Crimping of Mini-Universal MATE-N-LOK Contact

Japanese

Application Specification

Japanese