



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-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]
Wire Contact Termination Area Plating Thickness	.4 µm[15.74 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-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	.89 – 1.27 mm[.035 – .05 in]
Wire Size	.05 – .15 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

Packaging Features

Packaging Quantity	10000
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 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 # 794435-1 06P PLUG HSG HINGE CONN	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

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 #5745036-2
PLUG ASSY,25P,HDP-20,CN



TE Part #1658642-1
HDP-20,PLUG,SIZE 1, 9 POSN,CLI



TE Part #66683-2
20 DF SCKT CONT



TE Part #201613-1
CONTACT SOCKET ASSY.



TE Part #171636-1
MINI U-M-N-L PIN CONTACT



TE Part #2071410-1
IHV200AAANA



TE Part #2-2071410-1
IHV200HAANA



TE Part #61148-1
BRUSH HOLDER AMPLIVAR 22-17
AWG PHBZ



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770834-1_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770834-1_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770834-1_V.3d_stp.zip

English

Customer View Model

ENG_CVM_770834-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_770834-1_P.3d_stp.zip

English

Customer View Model

ENG_CVM_770834-1_P.2d_dxf.zip

English

3D PDF

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English