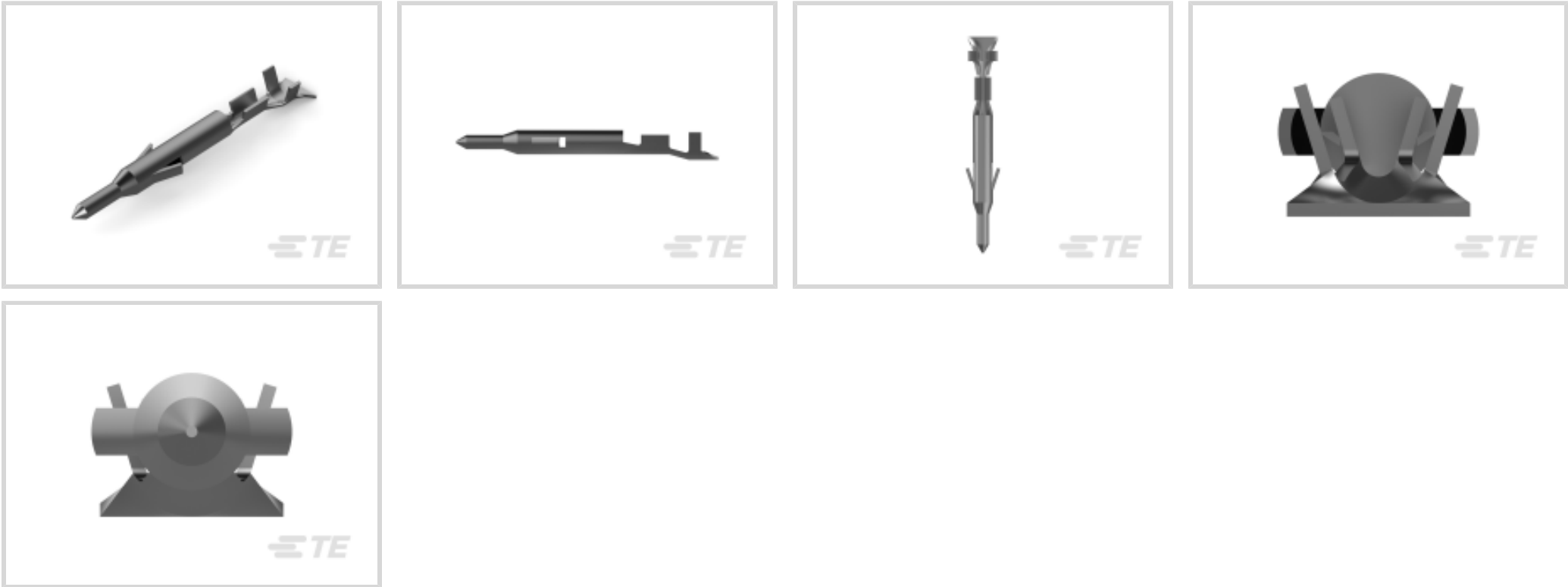




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
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	2.54 µm[100 µin]
Contact Orientation	Straight
Contact Type	Pin
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)	9.5 A

Termination Features

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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
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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	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 # CAT-AM71-C83998EE Mini Circular Plastic Connectors (CPC)	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

TE Part # 172340-1
MINI UMNL PLUG HOUSING 9P

TE Part # 172342-1
MINI UMNL PLUG HOUSING 15P

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

Connector Caps & Covers(2)

Connector Contacts(92)

Connector Hardware(4)

Connector Seals & Cavity Plugs(17)

Connector Strain Relief(2)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(1)

Rectangular Power Connectors(197)

Customers Also Bought

TE Part #2-2198617-5
Ni Plated Plastic Backshell, 25 Way, Str

TE Part #1744439-8
EP2.5 Shrd HDR ASSY 8P VERT, GW

TE Part #2101012-1
SMPM STR CABLE PLUG

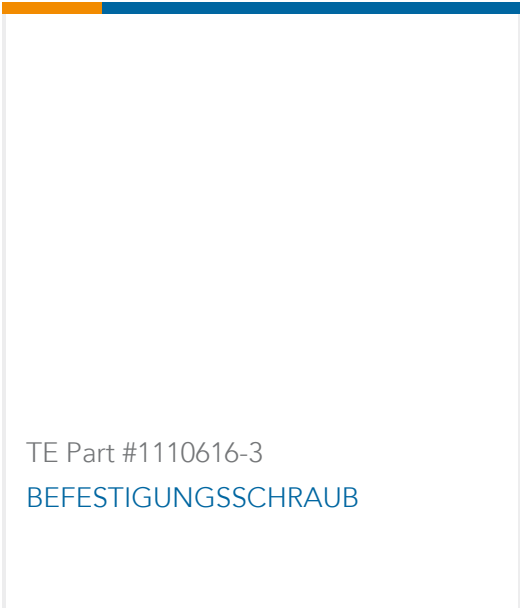
TE Part #5-1393788-8
V23079D1005B301

TE Part #2157553-1
RF BACKPLANE MODULE 8 POS

TE Part #58516-1
LOCATOR SUBASSEMBLY

TE Part #1-1722363-0
ANVIL

TE Part #CO93663001
FLHTC0311-26-6CK0001



Documents

Product Drawings

MINI UMNL PIN L/P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_794059-1_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_794059-1_E1.3d_stp.zip

English

Customer View Model

ENG_CVM_794059-1_E1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794059-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794059-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794059-1_C.3d_stp.zip

English

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

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