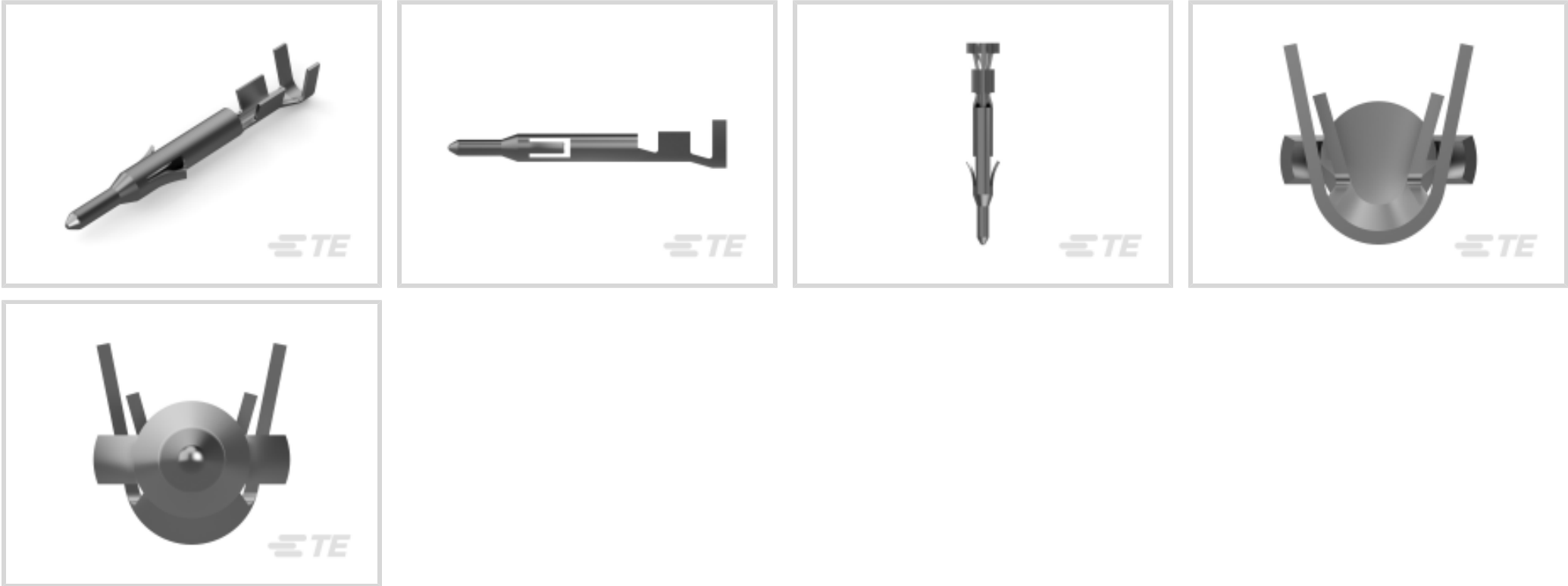




Connectors > Contacts > Connector Contacts



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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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Flammability Rating	UL 94V-0

Mechanical Attachment

Wire Insulation Support	Without
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag & Box

Dimensions

Compatible Insulation Diameter Range	1.19 – 1.75 mm[.047 – .069 in]
Wire Size	.12 – .4 mm²

Contact Features

Contact Orientation	Straight
Mating Pin Diameter	1 mm[.039 in]



Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
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

Electrical Characteristics

Operating Voltage	600 VDC
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Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Product Compliance

For compliance documentation, visit the product page on TE.com>

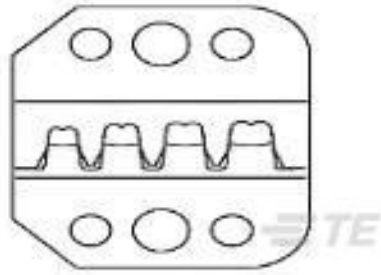
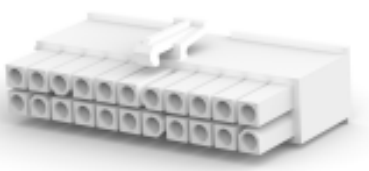
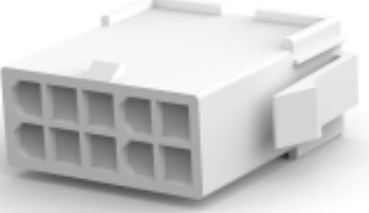
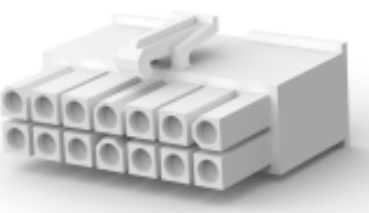
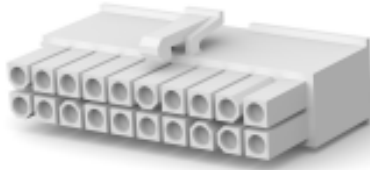
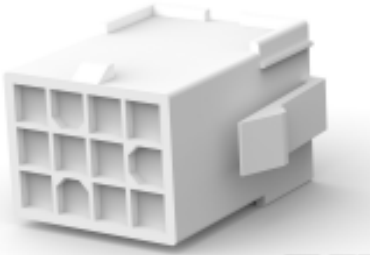
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 90758-2 PROCrimp Die Mini Univ MNL	 TE Part # 189727-1 EXTRACTION TOOL	 TE Part # 455830-1 INSERTION TOOL	 TE Part # 1445825-1 RECPT,11-9,FREE HNG,STD KEY
 TE Part # 1445828-1 REC,11-6,FRE HNG,SM INS,STD KE	 TE Part # 1445421-3 REC,8-4,FLNG MT,LG INS,STD KEY	 TE Part # 770586-1 22P MINI UMNL PLUG HSG	 TE Part # 1445816-1 RECPT,11-9,FLNG MT,STD KEY
 TE Part # 794942-1 10P MINI UMNL CAP HSG	 TE Part # 1445816-3 RECPT,11-9,FLNG MT,STD KEY	 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 # 794781-1 10P MINI UMNL PLUG HSG	 TE Part # 794941-1 08P MINI UMNL CAP HSG



TE Part # 794895-1
6 CIR MINI UMNL RND WIRE HOLES



TE Part # 794821-1
08P MINI UMNL PLUG HSG



TE Part # 794940-1
06P MINI UMNL CAP HSG

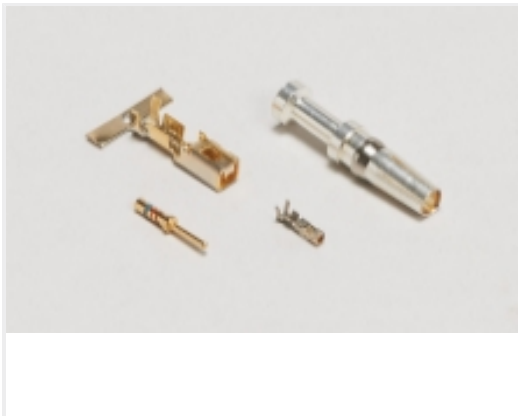


TE Part # 770581-1
12P MINI UMNL PLUG HSG

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



Connector Caps & Covers(2)



Connector Contacts(89)



Connector Hardware(4)



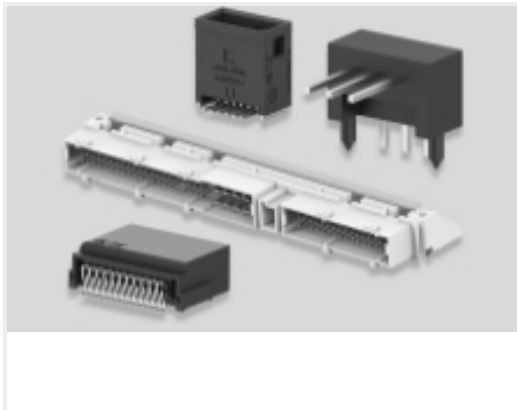
Connector Seals & Cavity Plugs(17)



Connector Strain Relief(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(93)



Rectangular Power Connectors(104)

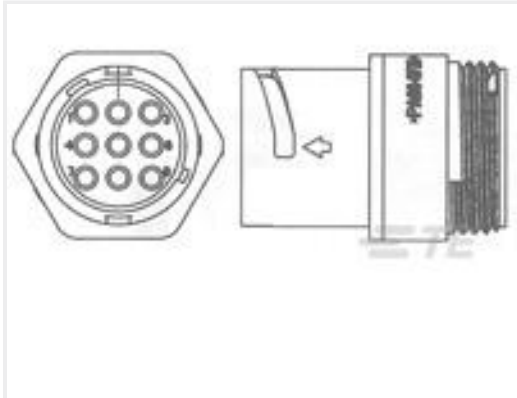
Customers Also Bought



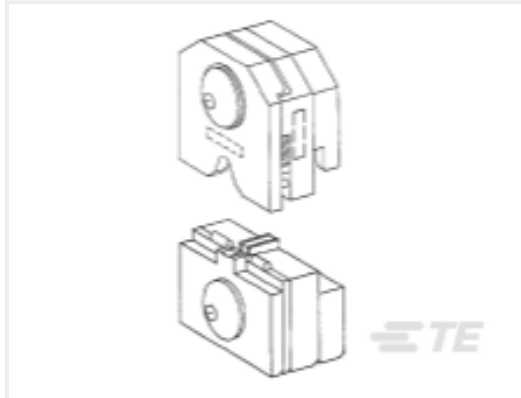
TE Part #172167-1
4 CIR UNIV M-N-L PLUG



TE Part #1445389-3
REC,8-4,FREE HG,LG INS,STD KEY



TE Part #1445828-3
REC,11-6,FRE HNG,LG INS,STD KE



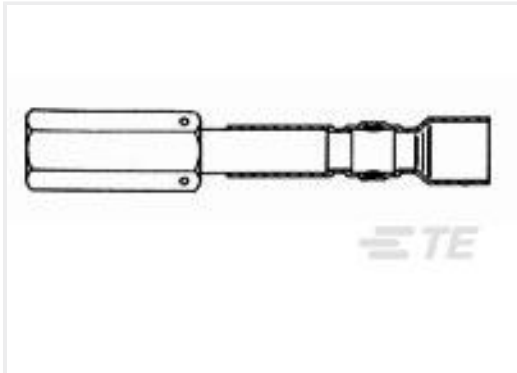
TE Part #90145-2
TYPE XII MALE FEMALE ASSY 16-14
DIE SET



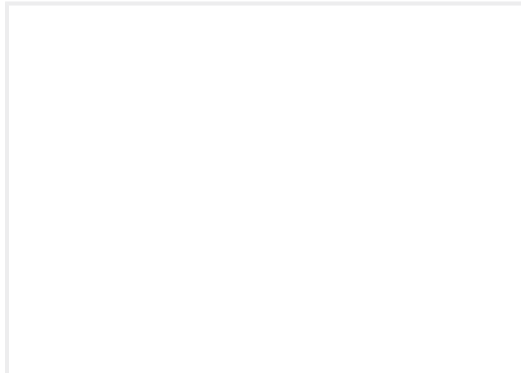
TE Part #NB15604001
RNF-100-3/64-YO-SP



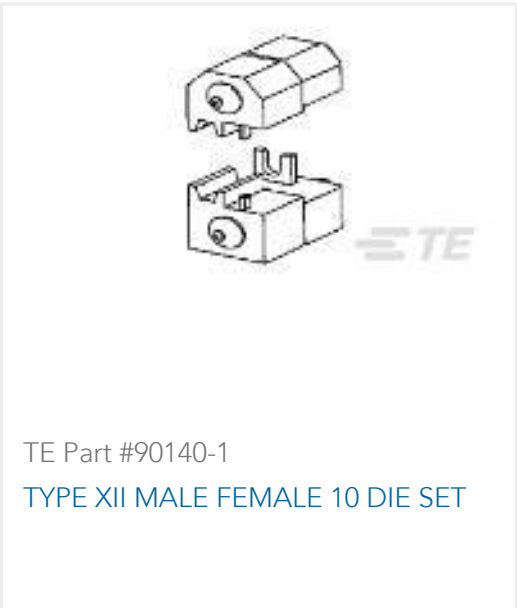
TE Part #T4130012021-000
M12,REAR MOUNT,MALE,A,2P,
SOLDER WIRE



TE Part #601107-000
D-621-0001



TE Part #600452N007
RD16A24-51-S7CS051/2



Documents

Product Drawings

MINI UMNL PIN 26-22AWG SN LP

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_770985-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_770985-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_770985-1_G.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770985-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770985-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770985-1_D.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