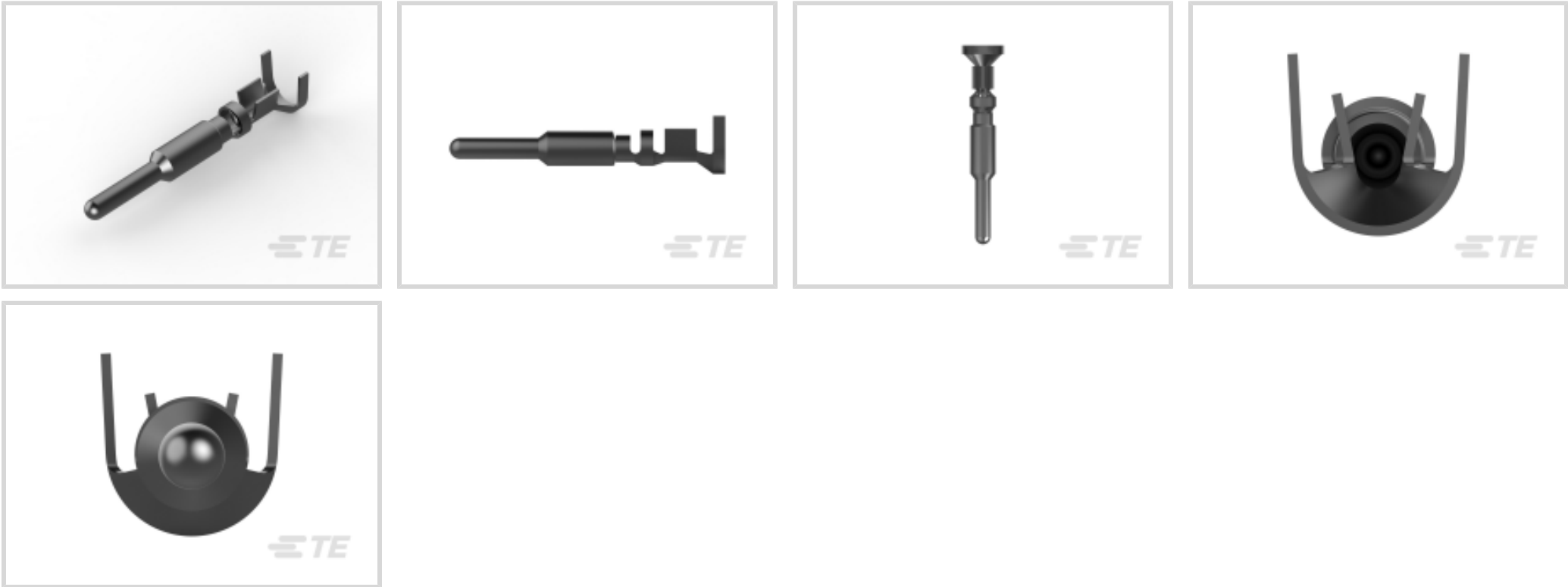




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **600 VAC**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	Without
Contact Base Material	Brass
Contact Current Rating (Max)	7 A

Termination Features



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

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	3.3 – 5.08 mm[.13 – .2 in]
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Wire Size	.5 – 2 mm²
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Usage Conditions

Operating Temperature Range	-55 – 120 °C[-67 – 248 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
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Packaging Features

Packaging Quantity	1000
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Packaging Method	Bag
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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>

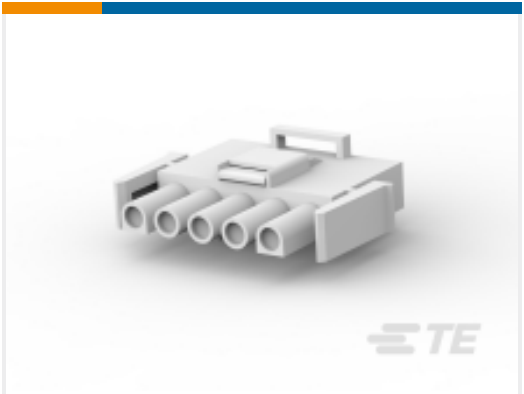
Compatible Parts

TE Part # 90547-1 ASSY PRO-CRIMPER UNIV M-N-L	TE Part # 91506-1 CCII UNML UNML II PIN SKT 16-14 ASSY	TE Part # 90547-2 PROCRIMPER DIE ASSY UNIV MNL	TE Part # 770022-1 12P UMNLI IN-LNE PLUG HSG KIT
TE Part # 770019-1 04P UMNLI IN-LNE PLUG HSG KIT	TE Part # 770028-1 09P UMNLI IN-LINE CAP HSG KIT	TE Part # 770026-1 04P UMNLI IN-LINE CAP HSG KIT	TE Part # 770024-1 02P UMNLI IN-LINE CAP HSG KIT
TE Part # 770029-1 12P UMNLI IN-LINE CAP HSG KIT	TE Part # 770021-1 09P UMNLI IN-LNE PLUG HSG KIT	TE Part # 770030-1 15P UMNLI IN-LINE CAP HSG KIT	TE Part # 770018-1 03P UMNLI IN-LNE PLUG HSG KIT
TE Part # 770027-1 06P UMNLI IN-LINE CAP HSG KIT	TE Part # 770025-1 03P UMNLI IN-LINE CAP HSG KIT	TE Part # 770017-1 02P UMNLI IN-LNE PLUG HSG KIT	TE Part # 770020-1 06P UMNLI IN-LNE PLUG HSG KIT





TE Part # 770023-1
15P UMNLI IN-LNE PLUG HSG KIT



TE Part # 770016-1
05P UMNLI IN-LNE PLUG HSG KIT



TE Part # 91508-1
CCII UNML UNML II PIN SKT 20-18 ASSY

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



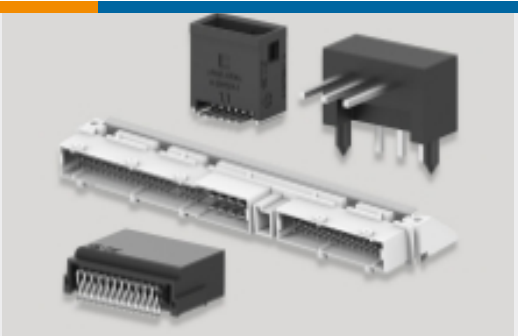
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(285)



Rectangular Connector Housings(1)



Rectangular Power Connectors(379)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #4-1609155-2
PE0SODMXE=C7106



TE Part #5745854-3
CABLE CLAMP KIT,SZ 1

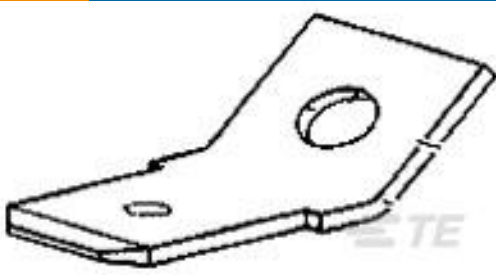


TE Part #770252-1
UMNL II PIN PTPBR LP 24-18

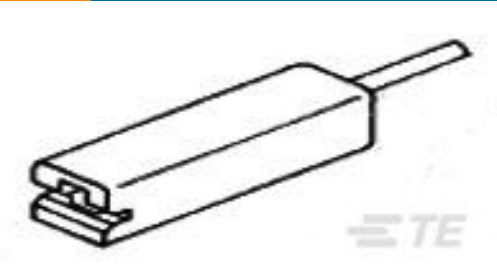


TE Part #770026-1
04P UMNLI IN-LINE CAP HSG KIT

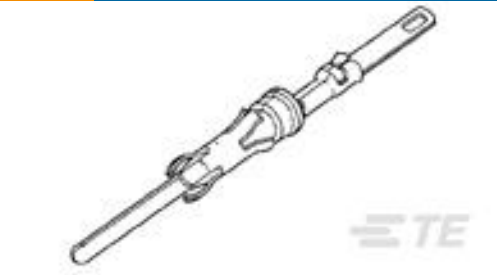




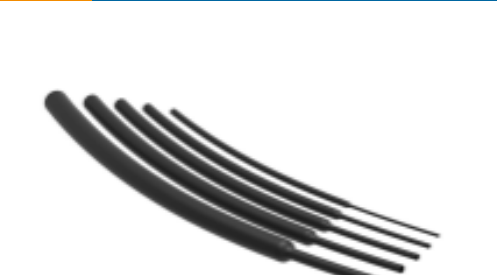
TE Part #61499-1
250 FASTON TAB TPBR



TE Part #1-480417-0
110 FASTON HSG.,REC.,1 POS, NATRUAL



TE Part #202236-1
III+ PIN,SOLTAB,30AU,10AU FLASH,LP



TE Part #NB15492001
RNF-100-3/64-BK-STK



TE Part #1650402-1
902-83-02113=SCREW,SHLDR,8-32

Documents

Product Drawings

UMNL II GROUND PIN LP 14-20

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770255-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770255-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770255-1_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English