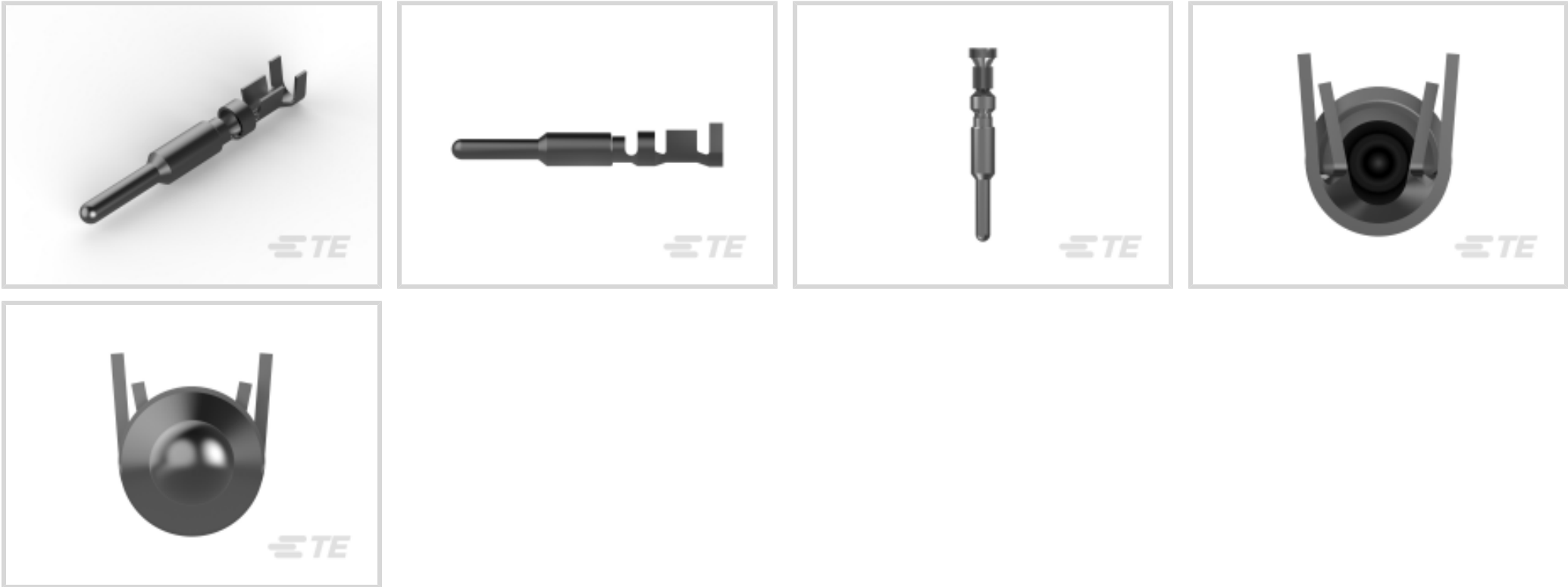




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-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]
Contact Orientation	Straight
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-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
Mechanical Attachment	
Wire Insulation Support	Without
Dimensions	
Compatible Insulation Diameter Range	1.52 – 3.3 mm[.06 – .13 in]
Wire Size	.5 – 2 mm²
Usage Conditions	
Operating Temperature Range	-55 – 120 °C[-67 – 248 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Compatible With Agency/Standards Products	CSA, UL, VDE
Packaging Features	
Packaging Quantity	3500
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

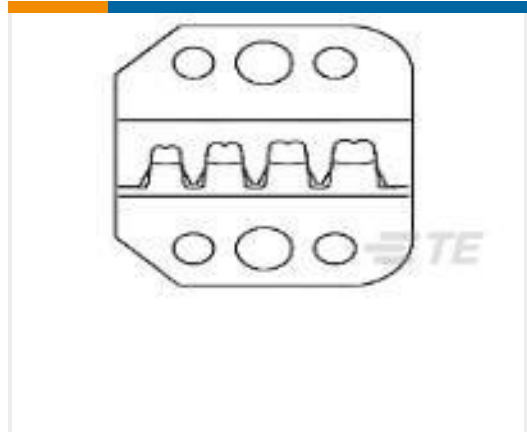
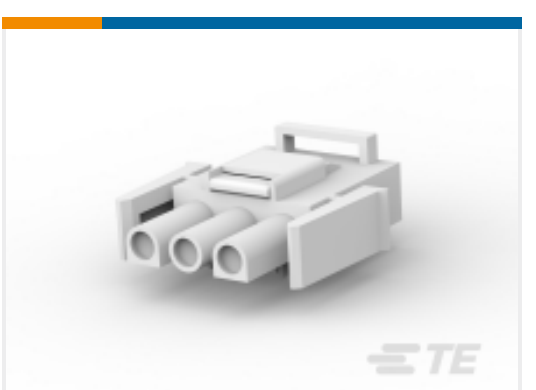
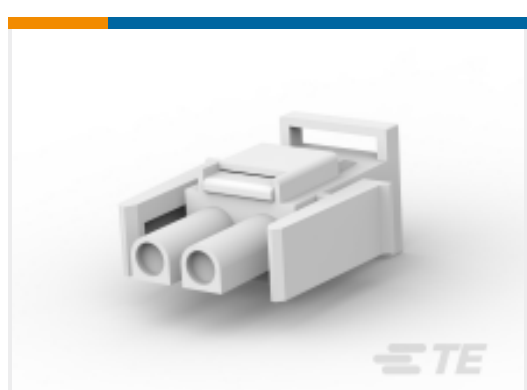
Product Compliance Disclaimer

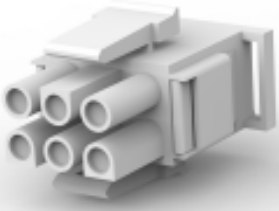
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

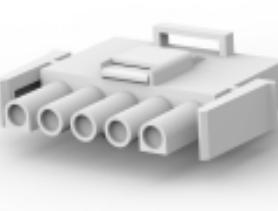
 TE Part # 91506-1 CCII UNML UNML II PIN SKT 16-14 ASSY	 TE Part # 90546-1 ASSY PRO-CRIMPER UNIV M-N-L	 TE Part # 91500-1 CCII UNML UNML II PIN SKT 20-14 ASSY	 TE Part # 90546-2 PROCRIMPER DIE ASSY UNIV MNL
 TE Part # 770022-1 12P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 770019-1 04P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 770028-1 09P UMNLI IN-LNE CAP HSG KIT	 TE Part # 770026-1 04P UMNLI IN-LNE CAP HSG KIT
 TE Part # 770024-1 02P UMNLI IN-LNE CAP HSG KIT	 TE Part # 770029-1 12P UMNLI IN-LNE CAP HSG KIT	 TE Part # 770021-1 09P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 770030-1 15P UMNLI IN-LNE CAP HSG KIT
 TE Part # 770018-1 03P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 770027-1 06P UMNLI IN-LNE CAP HSG KIT	 TE Part # 770025-1 03P UMNLI IN-LNE 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

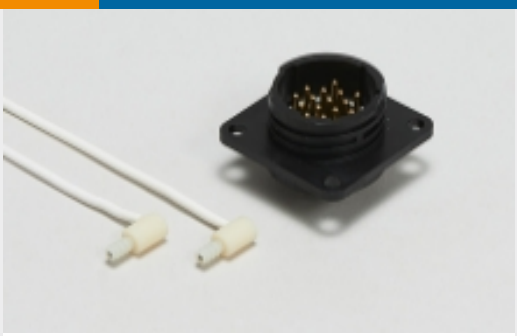


TE Part # 770016-1
05P UMNLI IN-LNE PLUG HSG KIT



TE Part # 2151024-1
OCEAN_2.0_Applicator-S-090F130F-RSM

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)



Rectangular Connector Housings(1)



Rectangular Power Connectors(670)



Standard Circular Connectors(1)

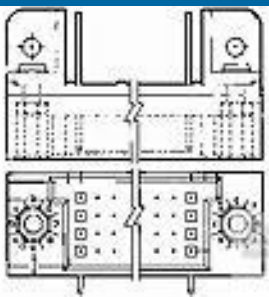
Customers Also Bought



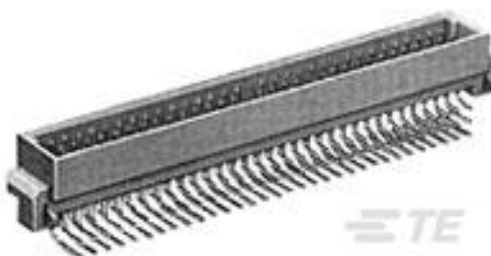
TE Part #281839-3
HE13/HE14 Crimp Housings



TE Part #182734-2
CONTACT REC HE14 COSI LOOSE P



TE Part #533286-5
HDI PIN ASSY 4 ROW 160 POS R/A

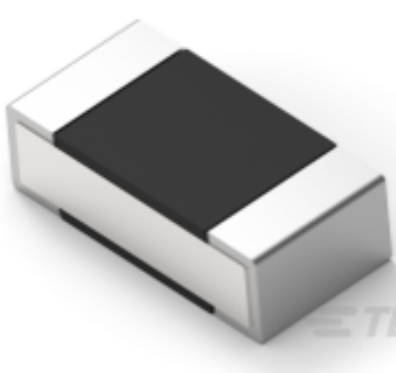


TE Part #650946-5
032 EURO TYPE C PIN ST ASSY





TE Part #1903977-1
SLIM UPM 4POS. R/A HDR ASSEMBL



TE Part #1-2176307-4
RP 1E 0.1W 16K9 0.1% 25PPM 5K RL



TE Part #1643916-1
703-13-00100



TE Part #66254-5
MALE TYPE XII GROUND CONTACT

Documents

Product Drawings

UMNL II GROUND PIN 14-20 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770193-1_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770193-1_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770193-1_R.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