



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

Industry Standards

Compatible With Agency/Standards Products	UL, VDE, CSA
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Product Type Features

Discrete Wire Type	Stranded
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Mechanical Attachment

Wire Insulation Support	Without
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Dimensions

Compatible Insulation Diameter Range	1.52 – 3.3 mm [.06 – .13 in]
Wire Size	.5 – 2 mm²

Contact Features

Contact Orientation	Straight
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Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Material Finish	Matte
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

Electrical Characteristics

Operating Voltage	600 VAC
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Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 120 °C[-67 – 248 °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

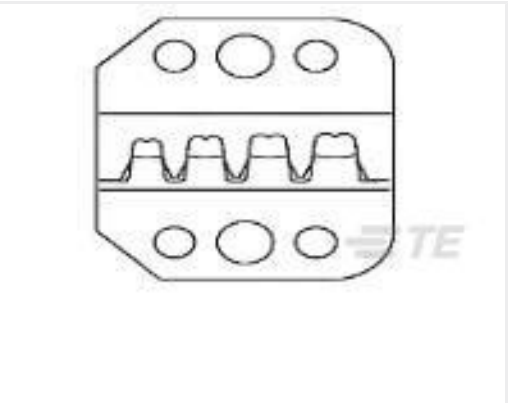
Product Compliance Disclaimer

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 # 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 PROCIMPER DIE ASSY UNIV MNL ASSY
 TE Part # 770022-1 12P UMNLI IN-LINE PLUG HSG KIT	 TE Part # 770019-1 04P UMNLI IN-LINE 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-LINE PLUG HSG KIT	 TE Part # 770030-1 15P UMNLI IN-LINE CAP HSG KIT
 TE Part # 770018-1 03P UMNLI IN-LINE PLUG HSG KIT	 TE Part # 770027-1 06P UMNLI IN-LINE CAP HSG KIT	 TE Part # 770017-1 02P UMNLI IN-LINE PLUG HSG KIT	 TE Part # 770020-1 06P UMNLI IN-LINE 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 # 770025-1
03P UMNLI IN-LINE CAP HSG KIT



TE Part # 91500-4
DAHT UNML II PIN SOK 20-14 ASSY

Also in the Series | Universal MATE-N-LOK



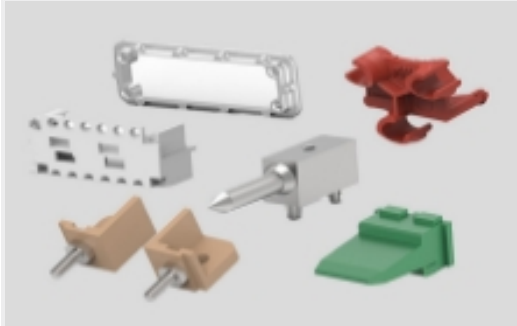
Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



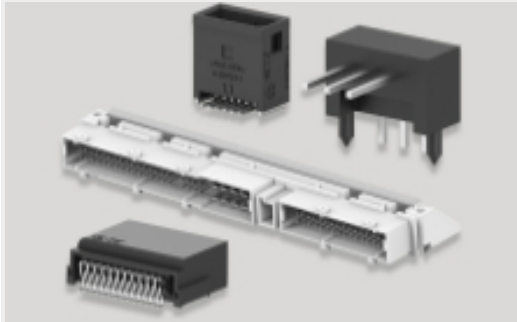
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(284)



Rectangular Connector Housings(1)



Rectangular Power Connectors(370)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #3-644042-8
08P MTA100 CONN ASSY LF



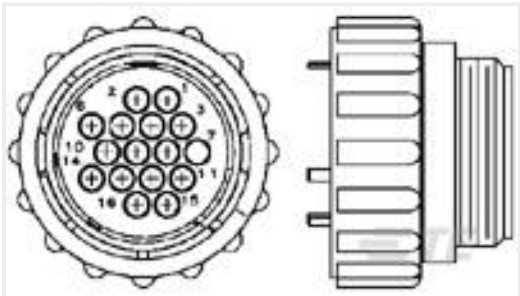
TE Part #1658543-2
SOCKET CONT DUPL PLT STRIP HD-



TE Part #745508-4
FERRULE SPLIT RING, HD



TE Part #770250-1
UMNL II PIN PTPBR LP 20-14



TE Part #206037-3
CPC PLUG ASSEMBLY SZ 17-16



TE Part #35244
SPLICE,PG BUTT 16-14



TE Part #770843-1
04P .093 COMM P&S RECPT



TE Part #770038-1
06P UMN II PLUG REAR 94VO



TE Part #770037-1
06P UMN II PLUG-FRONT 94VO



TE Part #6-1393254-8
W92-X112-10=M6/M7/M9/W6/W7

Documents

Product Drawings

UMNL II GROUND PIN LP 14-20

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770254-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770254-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770254-1_E.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