

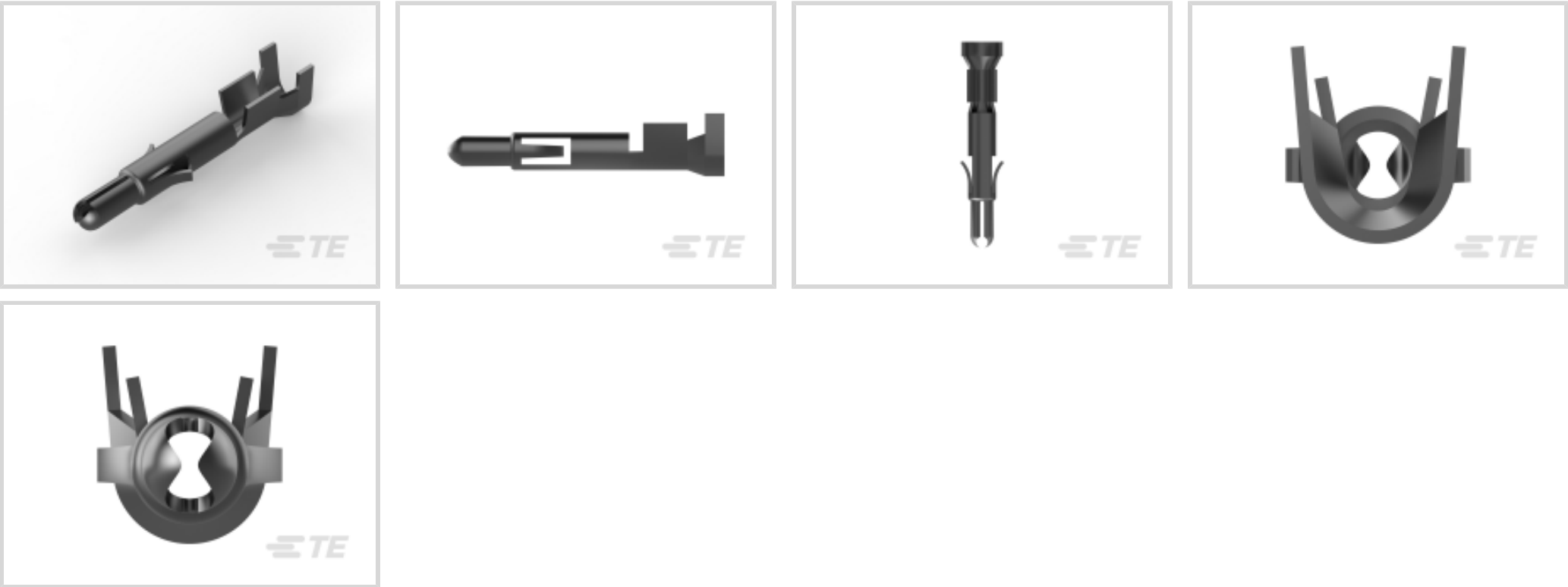


MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 350687-1
Pin Contact, Tin, 600 VAC, Locking Lance Contact Retention, 20 – 14 AWG Wire Size, .5 – 2 mm² Wire Size, Crimp, Brass, Power, Universal MATE-N-LOK

[View on TE.com >](#)

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: **With**

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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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Dimensions

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

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Contact Features

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Contact Orientation	Straight
Mating Pin Diameter	2.18 mm[.086 in]
Contact Shape & Form	Split
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)	19 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 – 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>

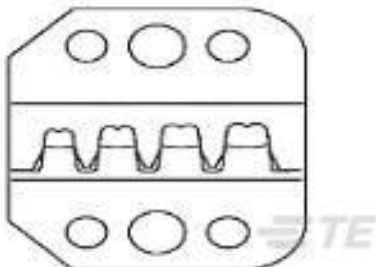
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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



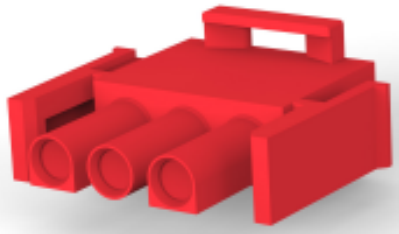
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2151500-1 OCEAN_2.0_APPLICATOR-S-090F130F-RSM	 TE Part # 91500-1 CCII UNML UNML II PIN SKT 20-14 ASSY	 TE Part # 90546-2 PROCRIMPER DIE ASSY UNIV MNL	 TE Part # 1804030-1 EXTRACTION TOOL ASSY
 TE Part # 455830-1 INSERTION TOOL	 TE Part # 1-480705-2 06P UNML CAP HSG RED	 TE Part # 1-480708-9 12P UMNL PLUG HSG BLK	 TE Part # 350784-1 15P UMNL CAP HSG
 TE Part # 926307-3 6P UN-MNL AUFN-GEH	 TE Part # 1-480704-2 06P UMNL PLUG HSG RED	 TE Part # 926302-1 10& UNIV.M-N-L.PLUG	 TE Part # 350783-1 12P UMNL CAP HSG
 TE Part # 1-350778-9 02P UMNL V0 CAP HSG BLACK	 TE Part # 350735-1 12P UMNL PLUG HSG	 TE Part # 926302-3 10P UN-MNL STECKGEH	 TE Part # 926308-3 8P UN-MNL AUFN-GEH



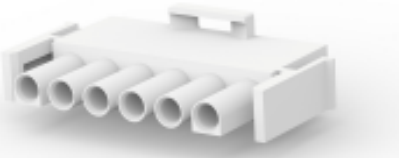
TE Part # 350736-1
15P UMNL PLUG HSG



TE Part # 1-350766-2
03P UMNL V0 PLUG HSG RED



TE Part # 1-480701-4
03P UMNL CAP HSG YELL



TE Part # 640585-1
06P UMNL PLUG HSG V2 NATL

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



Connector Hardware(12)



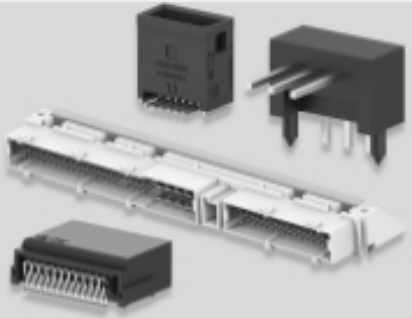
Connector Seals & Cavity Plugs(27)



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 #794785-1
04P UMNL INTERFACE SEAL



TE Part #6-1241961-2
STD TIM HOUSING MKII 2POS



TE Part #8-1241983-2
STANDARD TIMER HOUSING MARK II



TE Part #2213188-3
Assembly, ICE Connector 1.0 PCB w
cap





TE Part #2-2304525-4
[AMP DUOPLUG MK2 CONNECTOR 4P](#)



TE Part #2-292254-2
[CT RELAY HDR ASSY 2P BLUE](#)



TE Part #643314-2
[08P UMNL STR/REL HSG](#)



TE Part #2-2178029-5
[STD TIMER GEH 5P_V0](#)



TE Part #926647-8
[UMNL CAP HSG. 15 POS](#)



TE Part #1742543-4
[250 FASTON,FLAG,REC.,18-12 AWG, NPST](#)

Documents

Product Drawings

[UMNL SPLIT PIN PTPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_350687-1_BJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350687-1_BJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350687-1_BJ.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

Agency Approvals

[UL](#)



English