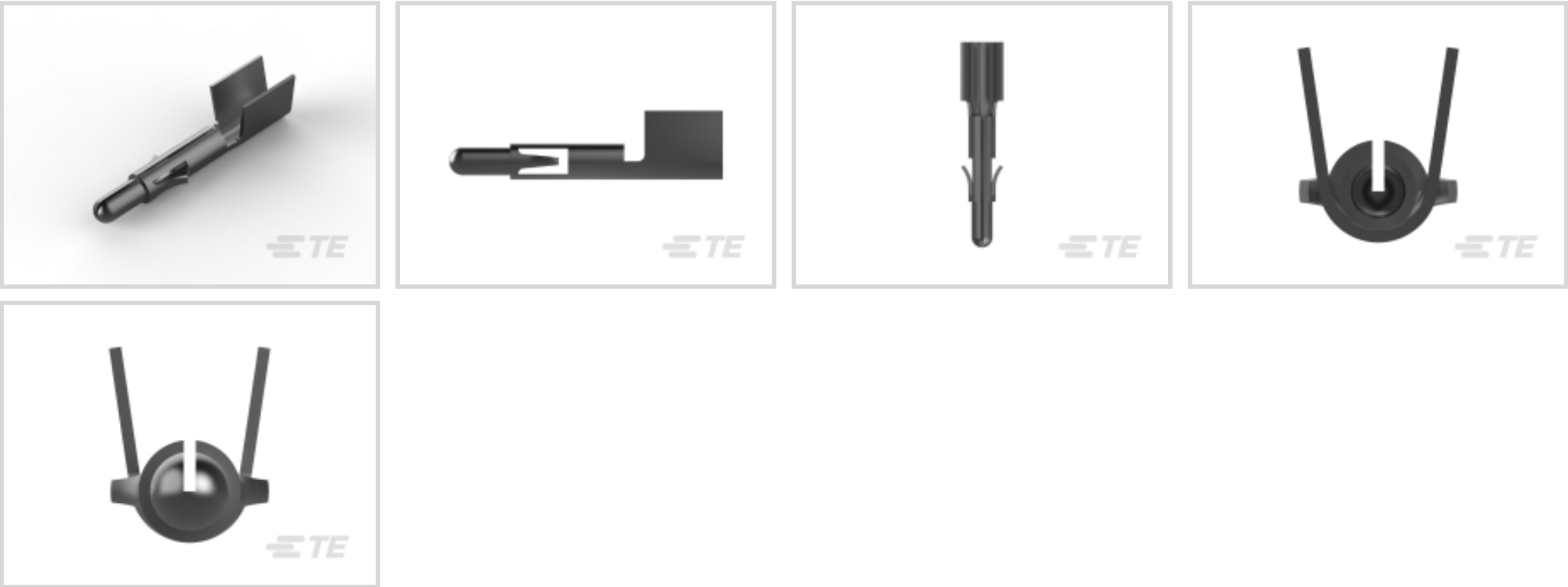




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **600 VAC**
Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	.8 – 2 µm[31.49 – 78.74 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	19 A



Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	3 – 5 mm[.2 in]
Wire Size	3 – 5 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °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	3000
Packaging Method	Reel

Product Compliance

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

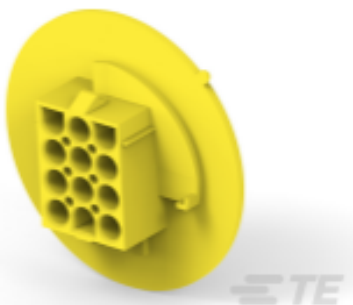
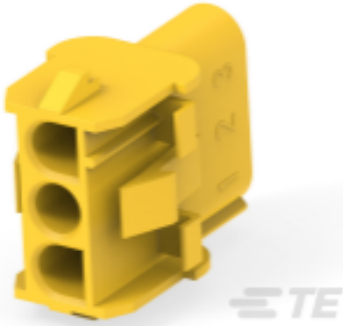
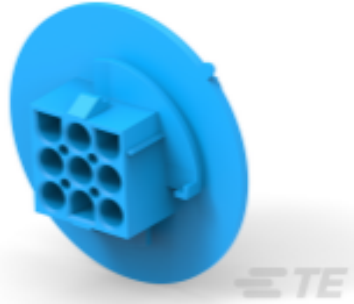
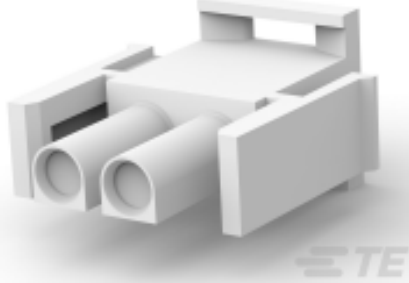
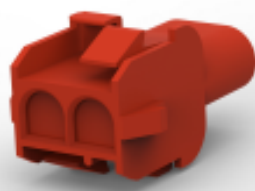
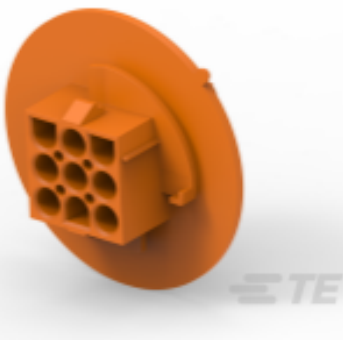
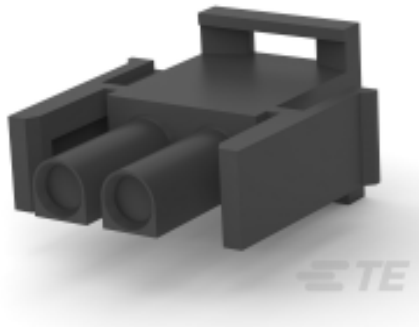
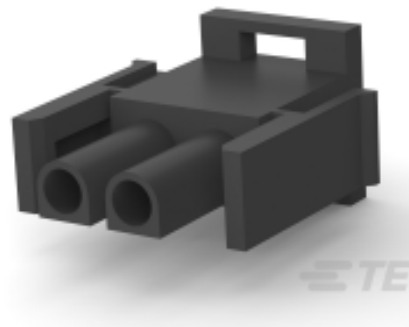
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 1-794762-9 12P UMNL CAP HSG, PAN MNT, BLACK	 TE Part # 1-350720-4 09P UMNL V0 PLUG HSG YELLOW	 TE Part # 1-794762-4 12P UMNL CAP HSG, PAN MNT, YELLOW	 TE Part # 2151495-2 OCEAN_2.0_APPLICATOR-S-140FA-RSA
 TE Part # 1-794761-9 09P UMNL CAP HSG, P/MT, V0, BLACK	 TE Part # 1-480701-4 03P UMNL CAP HSG YELL	 TE Part # 1-350809-9 05P UMNL V0 PLUG HSG BLACK	 TE Part # 1-2294562-1 UMNL TWIST-N-LOK, 5POS, CAP HOUSING
 TE Part # 1-794761-6 09P UMNL CAP HSG, P/MT, V0, BLUE	 TE Part # 350777-4 02P UMNL PLUG HSG UL94V0	 TE Part # 1-350720-2 09P UMNL V0 PLUG HSG RED	 TE Part # 1-350778-1 02P UMNL V0 CAP HSG BROWN
 TE Part # 1-350783-9 12P UMNL V0 CAP HSG BLACK	 TE Part # 1-794761-3 09P UMNL CAP HSG, P/MT, V0, ORANGE	 TE Part # 1-350777-9 02P UMNL V0 PLUG HSG BLACK	 TE Part # 1-480698-9 02P UMNL PLUG HSG BLK



TE Part # 1-350777-6
02P UMNL V0 PLUG HSG BLUE

TE Part # 1-350780-9
04P UMNL V0 CAP HSG BLACK

TE Part # 1-480710-9
15P UMNL PLUG HSG BLK

TE Part # 1-480698-5
02P UMNL PLUG HSG GRN

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Caps & Covers(34)

Connector Seals & Cavity Plugs(27)

Connector Strain Relief(7)

Insertion & Extraction Tools(4)

PCB Headers & Receptacles(286)

Rectangular Power Connectors(651)

Wire-to-Board Headers & Receptacles (286)

Customers Also Bought

TE Part #350687-1
UMNL SPLIT PIN PTPBR

TE Part #576105P009
ES1000-NO.2-B9-X-50MM

TE Part #1-480710-0
15P UMNL PLUG HSG NATL

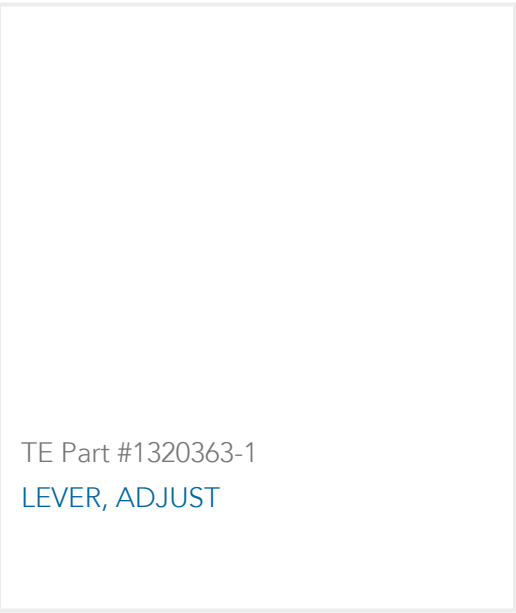
TE Part #3-640604-8
08P MTA156 CONN ASSY 18AWG LF

TE Part #281783-8
PLUG HE14 IDC 180 8 P AWG 26-24

TE Part #60798-2
SHUR PLUG 180 RECEPTACLE 18-14 AWG BR

TE Part #350536-1
UMNL SOK 20-14 .0126 PTPBR

TE Part #770075-1
04P .093 COMM P&S RECPT HSG



Documents

Product Drawings

PIN, MATE-N-LOK, UMNL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350922-3_AY.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350922-3_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350922-3_AY.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

Engineering Report

English