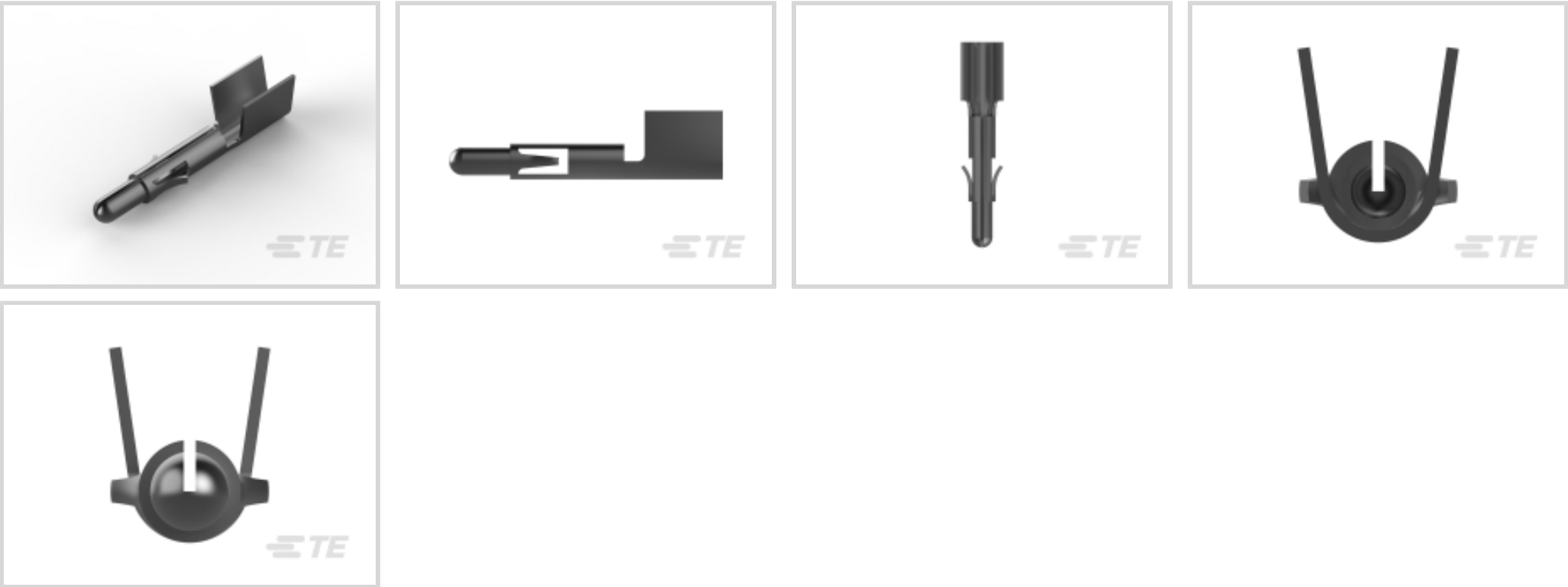




Connectors > Contacts > Connector Contacts



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 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
Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Thickness	.8 – 2 µm[31.49 – 78.74 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight



Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

Dimensions

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

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>

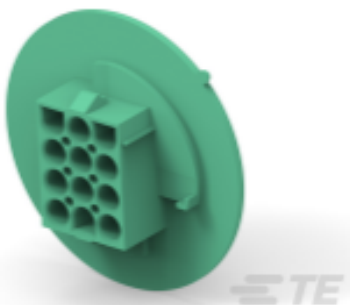
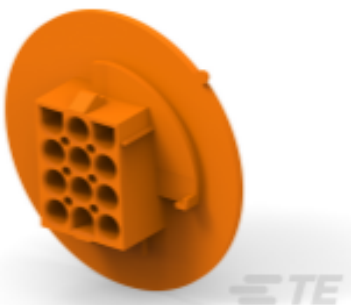
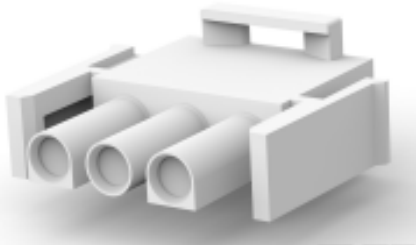
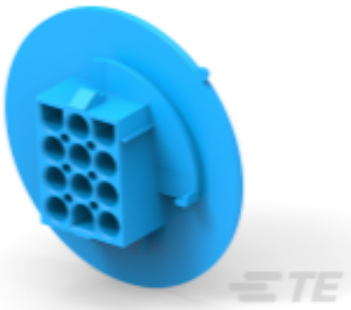
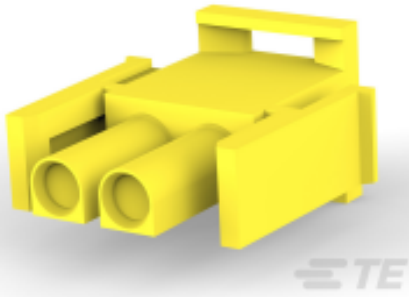
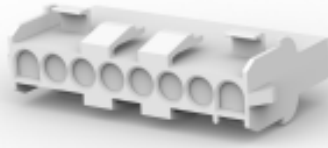
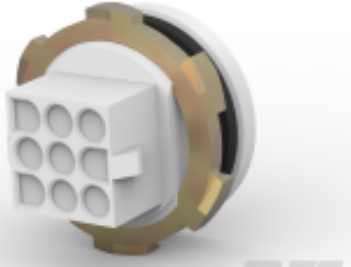
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1-794762-5 12P UMNL CAP HSG, PAN MNT, GREEN	 TE Part # 1-794762-3 12P UMNL CAP HSG, PAN MNT, ORANGE	 TE Part # 350736-1 15P UMNL PLUG HSG	 TE Part # 350766-1 03P UMNL PLUG HSG
 TE Part # 1-794761-5 09P UMNL CAP HSG, P/MT, V0, GREEN	 TE Part # 1-794762-6 12P UMNL CAP HSG, PAN MNT, BLUE	 TE Part # 1-794761-4 09P UMNL CAP HSG, P/MT, V0, YELLOW	 TE Part # 1-350777-4 02P UMNL V0 PLUG HSG YELLOW
 TE Part # 1-480764-0 05P UMNL CAP HSG NATL	 TE Part # 1-350766-8 03P UMNL V0 PLUG HSG GRAY	 TE Part # 1-480710-1 15P UMNL PLUG HSG BRN	 TE Part # 926302-1 10& UNIV. M-N-L PLUG
 TE Part # 926308-3 8P UN-MNL AUFN-GEH	 TE Part # 1-1604254-1 UMNL BULKHEAD CONN, 9 POS	 TE Part # 1-480703-9 04P UMNL CAP HSG BLK	 TE Part # 1-480704-9 06P UMNL PLUG HSG BLK





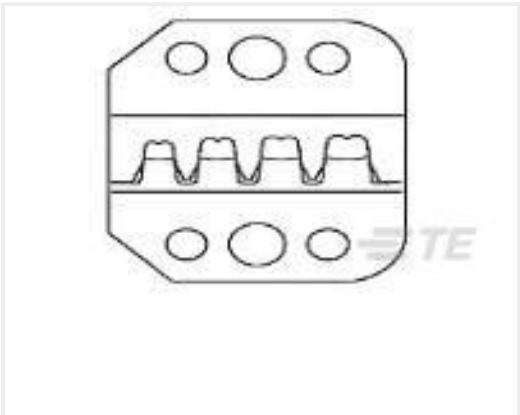
TE Part # 1-480707-1
09P UMNL CAP HSG BRN



TE Part # 1-480708-4
12P UMNL PLUG HSG YELL



TE Part # 1-480701-1
03P UMNL CAP HSG BRN



TE Part # 58530-2
PROCRIMPER DIE

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



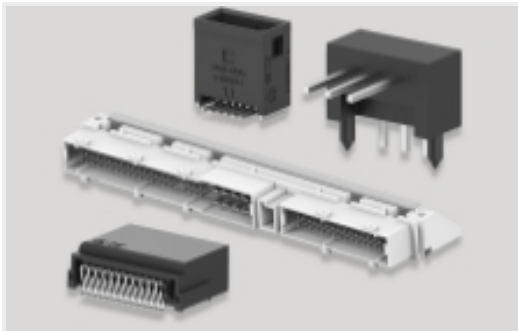
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



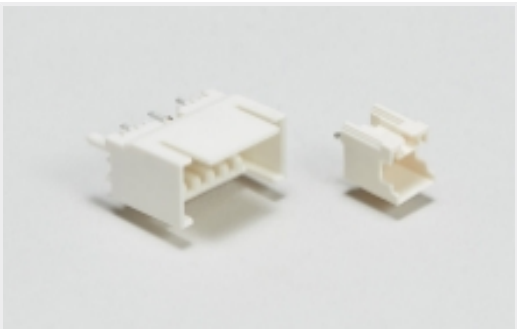
PCB Headers & Receptacles(285)



Rectangular Power Connectors(642)



Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles
(285)

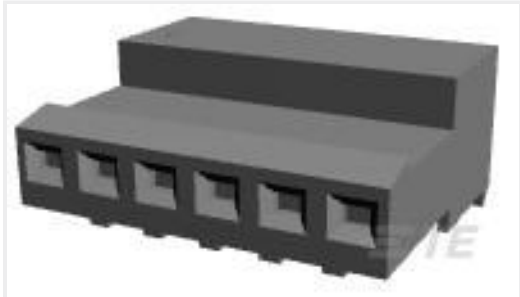
Customers Also Bought



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



TE Part #Y12345-000
ALR-SC-10A



TE Part #3-643498-6
06P MTA100 CONN ASSY LF

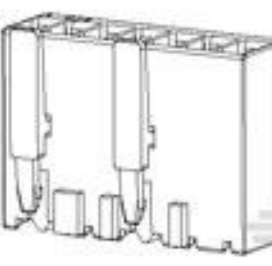


TE Part #3-644043-6
06P MTA100 CONN ASSY LF





TE Part #927231-7
UMNL 9 WAY CAP HOUSING



TE Part #9-928247-2
STD TIMER GEH 2P



TE Part #963709-2
SPT REC 6.3 Contact SRC Sn



TE Part #1241959-4
STD-TIM HSG MKII 4P



TE Part #1-2325811-2
LUMAWISE Z45 LED HOLDER 20X24



TE Part #2332473-1
GASKET, TOOL-LESS DIMMING RECPT SEALING

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
universal-mate-n-lok-tpa-flyer
English

Product Specifications
Application Specification
English

350922-3

Tin (Sn), Pin Contact, 12 – 10 AWG, 600 VAC, 3 – 5 mm² Wire, Locking Lance Contact Retention, Crimp, Phosphor Bronze, Power, Universal MATE-N-LOK

