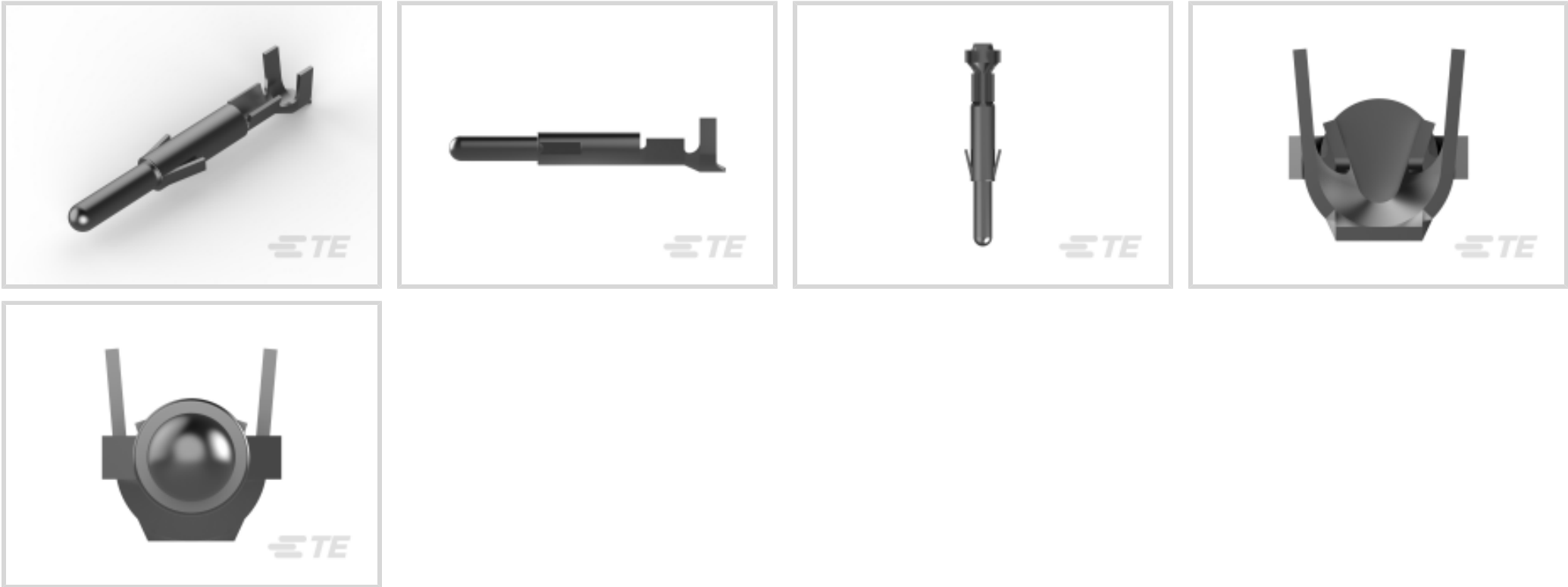




Connectors > Contacts > Connector Contacts



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]
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	Brass
Contact Current Rating (Max)	19 A

Termination Features

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

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.52 – 3.3 mm[.06 – .13 in]
Wire Size	.2 – .82 mm²

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °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	5000
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

 KIT REPRESENTATION ONLY			
TE Part # 7-2836346-7 OCEAN_2.0_SPARE_PART_KIT-070F130F	TE Part # 2836346-2 OCEAN_2.0_APPLICATOR-S-070F130F-RSA	TE Part # 1-350766-3 03P UMNL V0 PLUG HSG ORANGE	TE Part # 480763-1 05P UMNL PLUG HSG BRN
TE Part # 1-350720-1 09P UMNL V0 PLUG HSG BROWN	TE Part # 350735-4 12P UMNL PLUG HSG UL94VO	TE Part # 794762-3 12P UMNL CAP HSG RED, PAN MNT	TE Part # 1-350766-5 03P UMNL V0 PLUG HSG GREEN
TE Part # 1-794762-8 12P UMNL CAP HSG,PAN MNT,GRAY	TE Part # 1-350766-6 03P UMNL V0 PLUG HSG BLUE	TE Part # 1-480698-0 02P UMNL PLUG HSG NATL	TE Part # 1-480700-1 03P UMNL PLUG HSG BRN
TE Part # 1-480704-0 06P UMNL PLUG HSG NATL	TE Part # 1-480706-2 09P UMNL PLUG HSG RED	TE Part # 1-350735-1 12P UMNL V0 PLUG HSG BROWN	TE Part # 1-350777-1 02P UMNL V0 PLUG HSG BROWN



TE Part # 1-480706-0
09P UMNL PLUG HSG NATL



TE Part # 1-480708-2
12P UMNL PLUG HSG RED



TE Part # 1-480707-2
09P UMNL CAP HSG RED



TE Part # 1-480711-1
15P UMNL CAP HSG BRN

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



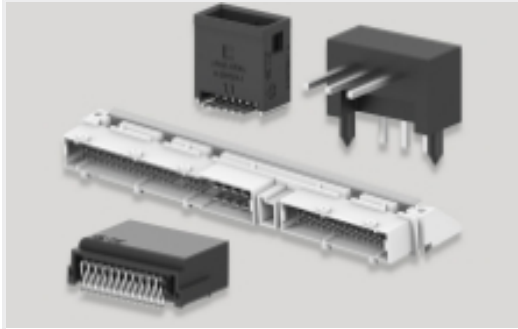
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



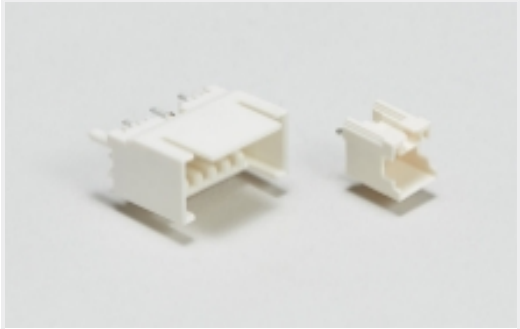
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(286)

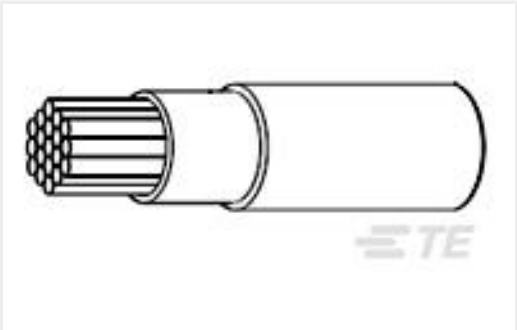


Rectangular Power Connectors(651)

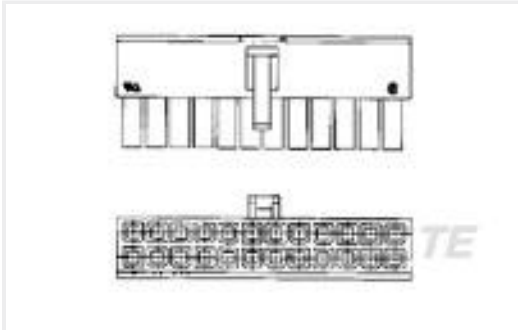


Wire-to-Board Headers & Receptacles (286)

Customers Also Bought



TE Part #573391-000
FLDWC0311-24-1



TE Part #1586765-6
6P RCPT VAL-U-LOK GW



TE Part #925819-3
MINI AMP-IN 26-22 AWG



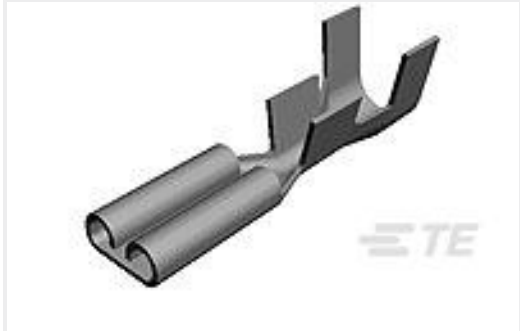
TE Part #925075-7
4W CIRCULAR MATE-N-LOK PIN HSG NAT



TE Part #641968-1
04P UMNL PIN HDR ASSY POL 94VO



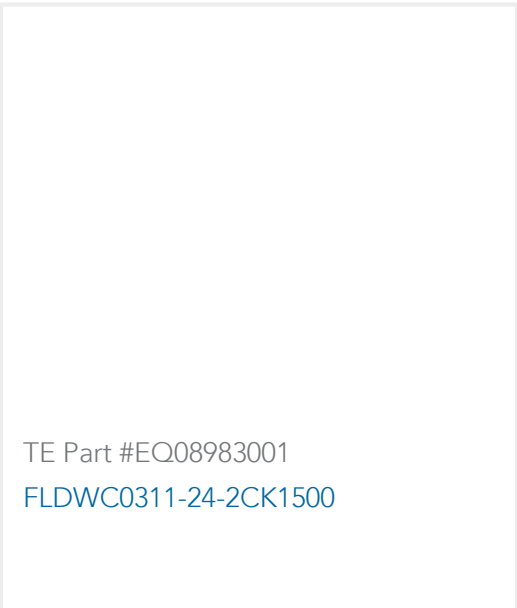
TE Part #925075
4W CIRCULAR MATE-N-LOK PIN HSG NAT



TE Part #41772-1
250 FASTON REC 22-18 AWG BR



TE Part #EQ08973001
FLDWC0311-24-0CK1500



Documents

Product Drawings

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770210-1_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770210-1_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770210-1_K.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

VDE Certificate

English