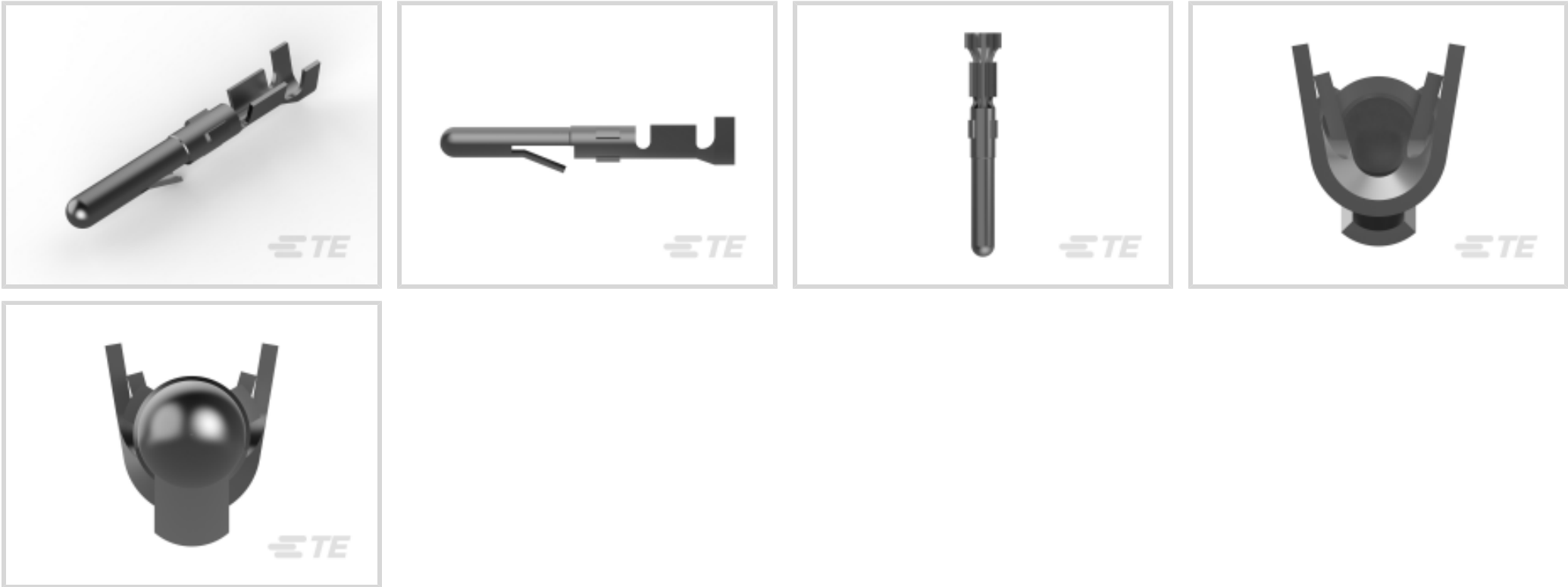




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Shape & Form	Round
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	15 A
Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
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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	.2 – .82 mm²
Compatible Insulation Diameter Range	2.54 mm[.1 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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Packaging Features

Packaging Quantity	8000
Packaging Method	Reel

Product Compliance

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

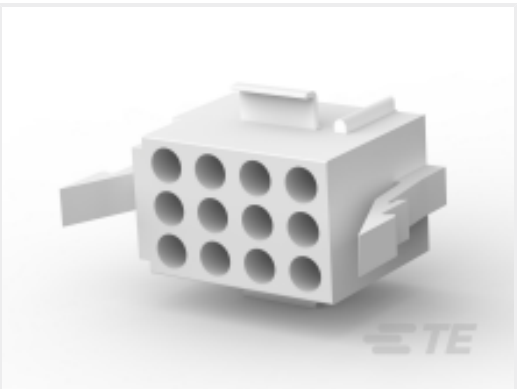
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 # 1-480426-9 04P CMNL CAP HSG F/H BLK	 TE Part # 1-480324-0 15P CMNL CAP HSG P/M NATL	 TE Part # 170924-1 MNL 2 POS NATURAL PIN HSG	 TE Part # 1-480350-6 01P CMNL CAP HSG F/H BLU
 TE Part # 1-480339-0 10P CMNL CAP HSG F/H NATL	 TE Part # 1-171197-0 9 POS MATE-N-LOK S	 TE Part # 1-480726-0 03P CMNL CAP HSG D/L NAT	 TE Part # 1-480275-0 12P CMNL PLUG HSG P/M NATL
 TE Part # 1-480349-2 01P CMNL PLUG HSG F/H RED	 TE Part # 1-480304-0 03P CMNL PLUG HSG P/M NATL	 TE Part # 1-480319-0 02P CMNL CAP HSG NATL	 TE Part # 151679-9 2 WAY M-N-L PIN HSG BLACK
 KIT TE Part # 7-2266600-7 OC-110F220F-752-CRIMPTOOLINGKIT	 KIT TE Part # 7-2151019-7 OCEAN_2.0_SPARE_PART_KIT-070F100F	 TE Part # 91512-1 CCII CMNL PIN SKT 24-18 ASSY	 TE Part # 2266342-2 OCEAN_2.0_Applicator-S-070F100OV-RSA



TE Part # 2151019-2
OCEAN_2.0_Applicator-S-070F100F-RSA

TE Part # 1-480350-2
01P CMNL CAP HSG F/H RED

TE Part # 1-480303-0
03P CMNL PLUG HSG F/H NATL

TE Part # 1-480323-0
15P CMNL PLUG HSG P/M NATL

Also in the Series

Commercial MATE-N-LOK

Connector Caps & Covers(2)

Connector Contacts(150)

Connector Seals & Cavity Plugs(1)

Insertion & Extraction Tools(3)

PCB Headers & Receptacles(55)

Power Contacts(146)

Rectangular Power Connectors(181)

Standard Circular Connectors(2)

Wire-to-Board Headers & Receptacles
(55)

Customers Also Bought

TE Part #DT04-12PA-E004
REC, 12P, BLK, N, A

TE Part #63365-2
250 FASTON REC 14-10 AWG TPBR

TE Part #368373-1
CLIP FOR EJ MK-II (TREE TYPE)

TE Part #5-963716-3
MQS0,63 Ag tab LL unseal. 0,5-0,75



TE Part #5-1775443-3
EMIX CONN., 1.5MM PITCH, HDR, V /T, 3P

TE Part #5148412-5
ASSY,PIN,R.A.,TYPE M,EUROCARD,L-FREE,60+

TE Part #1742601-1
187 FASTON,REC.,16-12 AWG,TPBR

TE Part #1-2385514-1
2POS,HC-STAK 35,HDR OUTER HSG ASSY,COD A

TE Part #1-2385514-2
2POS,HC-STAK 35,HDR OUTER HSG ASSY,COD B

TE Part #1-2385514-4
2POS,HC-STAK 35,HDR OUTER HSG ASSY,COD D

Documents

Product Drawings

CMNL PIN 24-18 PTPHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_61116-4_BL.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61116-4_BL.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61116-4_BL.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