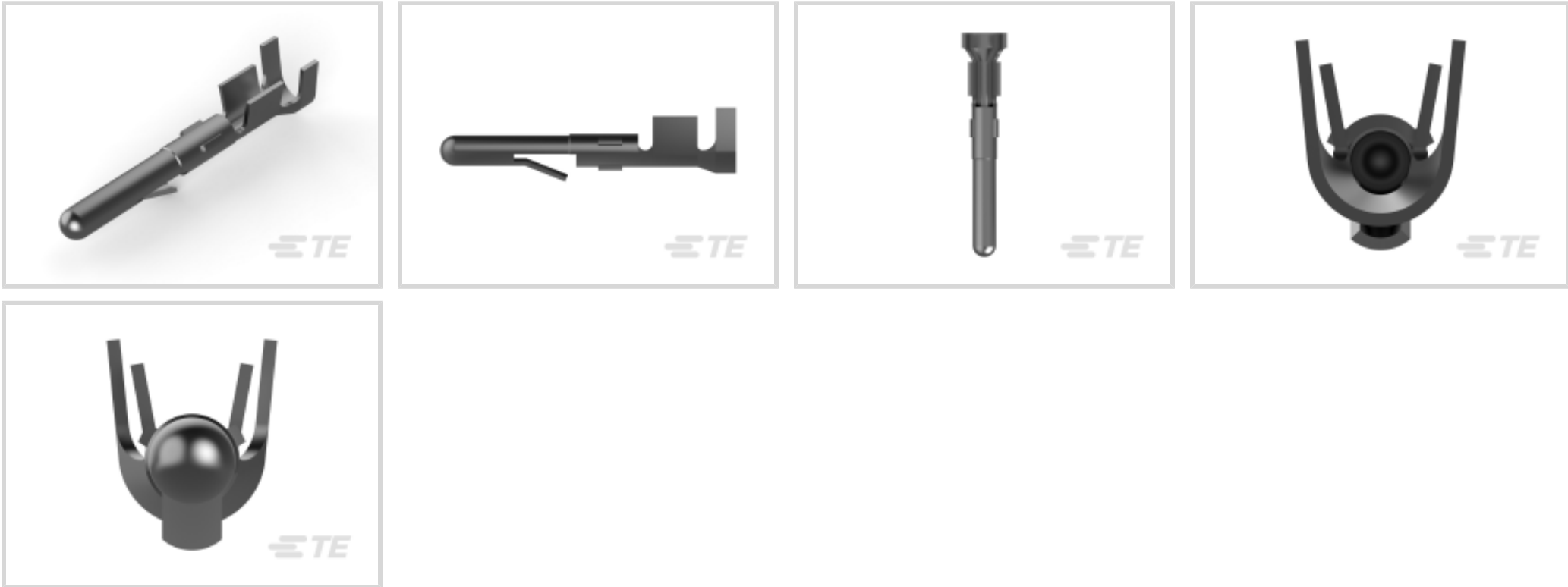




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Mating Pin Diameter	2.13 mm[.084 in]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Round
Contact Orientation	Straight
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With



Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	15 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	2.54 mm[.1 in]
Wire Size	.2 - .82 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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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 91512-1 CCI CMNL PIN SKT 24-18 ASSY	TE Part # 90574-1 ASSY PRO-CRIMPER COMM M-N-LOCK	TE Part # 465644-1 EXTRACTION TOOL	TE Part # 455830-1 INSERTION TOOL
TE Part # 1-171196-0 6 POS MATE-N-LOK S	TE Part # 1-480274-0 09P CMNL PLUG HSG P/M NATL	TE Part # 1-480284-0 08P CMNL CAP HSG M/M NATL	TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL
TE Part # 1-480683-0 02P CMNL PLUG HSG F/H NATL	TE Part # 1-480277-0 09P CMNL CAP HSG P/M NATL	TE Part # 1-480722-0 04P CMNL PLUG HSG W/LCK NATL	TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL
TE Part # 1-480285-0 10P CMNL PLUG HSG M/M NATL	TE Part # 1-480439-0 16P CMNL CAP HSG M/M NATL	TE Part # 1-480393-1 02P CMNL PLUG HSG F/H BLK	TE Part # 1-480345-0 08P CMNL CAP HSG F/H NATL



TE Part # 1-480340-0
06P CMNL CAP HSG F/H NATL

TE Part # 1-480278-0
12P CMNL CAP HSG P/M NATL

TE Part # 1-480425-0
04P CMNL PLUG HSG P/M NATL

TE Part # 1-480324-0
15P CMNL CAP HSG P/M NATL

Also in the Series | Commercial MATE-N-LOK

Connector Caps & Covers(2)

Connector Contacts(150)

Connector Seals & Cavity Plugs(1)

Crimp Wire Pins, Tabs & Ferrules(2)

Insertion & Extraction Tools(3)

Rectangular Connector Housings(9)

Rectangular Power Connectors(167)

Standard Circular Connectors(2)

Standard Rectangular Connectors(7)

Customers Also Bought

TE Part # 52409-1
PIDG SP SPD 22-16COM22-18MIL 6

TE Part # 5745967-4
25 RCPT SP/FMS STD

TE Part # 1776293-1
TSB23001DS=EUROPA TERM BLK, 8MM

TE Part # 5-1437622-7
KN5700B1/4=KNOB BLACK PAIR 1/8 8MM





TE Part # 3-1676123-4
1/2W SM M/OX 5% 20R



TE Part # YDTS20F11-35PNV001
RECP ASSY



TE Part # 170148-2
MNL SOCKET L.P. 170147



TE Part # 2-331350-9
BNC PLUG

TE Part # 1902937-1
C/A, BATTERY, BLUNT CUT, 24 IN
LONG

TE Part # 1423888-4
W58-X1008-10=CKTBKR,THERM,PB,S

Documents

Product Drawings

CMNL PIN PTPPHBZL/P

English

CAD Files

Customer View Model

ENG_CVM_60618-4_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_60618-4_S.3d_igs.zip

English

Customer View Model

ENG_CVM_60618-4_S.3d_stp.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_60618-4_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_60618-4_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_60618-4_W.3d_stp.zip

English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY
English

Product Specifications
Application Specification
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Instruction Sheets
Instruction Sheet (U.S.)
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