



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

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

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]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Shape & Form	Round
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
Contact Type	Pin



Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Base Material	Brass
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 mm ²

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
CCII 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 # 5-1775443-2
EMIX CONN., 1.5MM PITCH, HDR, V /T, 2P

TE Part # 1-87456-2
16 MODIV HSG DR MRKD .100CL

TE Part # 170363-4
MINI UNIVERSAL M-N-L PIN LP

TE Part # 1825609-1
B1048004=Boot,Toggle

TE Part # 213426-1
PLG HSG,3 POWR,12 SGNL,METRI

TE Part # CONSMA012
SMA RA Plug 50 Ohm Cable Crimp

TE Part # GA50K6D142
PRO2-PROBE

Documents

Product Drawings

CMNL PIN AUBR L/P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_60618-5_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_60618-5_S.3d_igs.zip

English

Customer View Model

ENG_CVM_60618-5_S.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_60618-5_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_60618-5_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_60618-5_W.3d_stp.zip

English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY
English

Product Specifications
Application Specification
English

Instruction Sheets
Instruction Sheet (U.S.)
English