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Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

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

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	1.27 µm[50 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	Nickel
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	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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2151019-1 OCEAN_2.0_Applicator-S-070F100F-RSM	TE Part # 91512-1 CCII CMNL PIN SKT 24-18 ASSY	TE Part # 90574-1 ASSY PRO-CRIMPER COMM M-N-LOCK	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 # 1-480304-0 03P CMNL PLUG 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



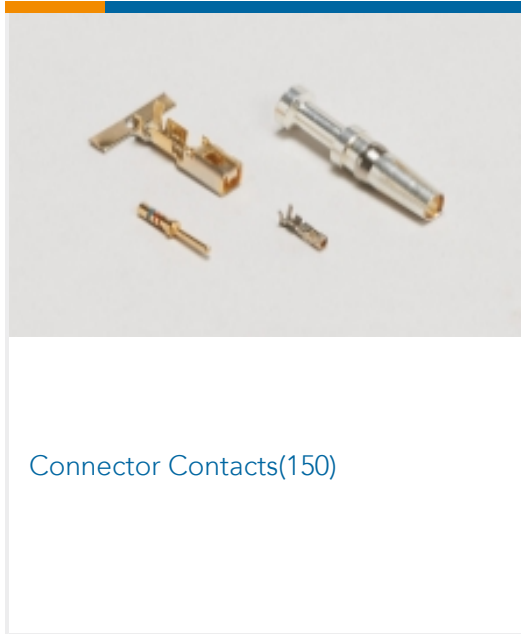
TE Part # 1-480425-0
04P CMNL PLUG HSG P/M NATL

Also in the Series

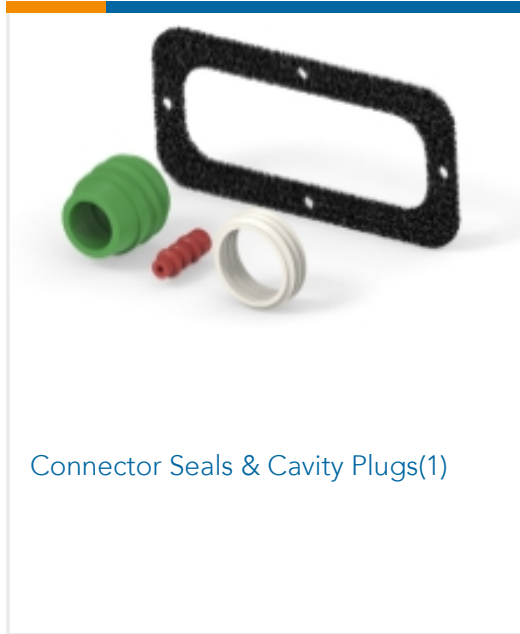
Commercial MATE-N-LOK



Connector Caps & Covers(2)



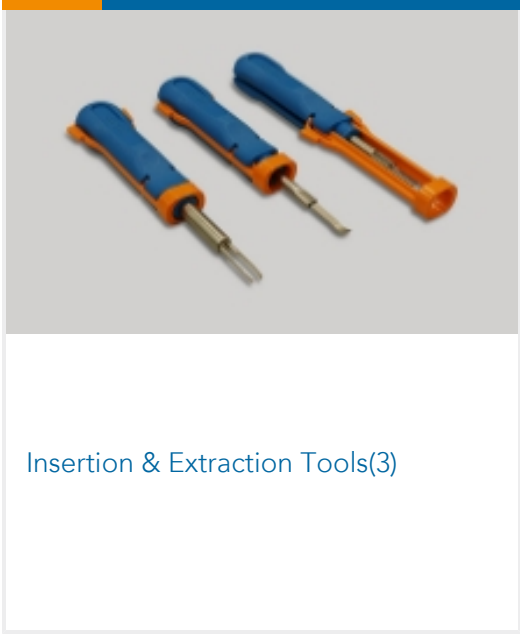
Connector Contacts(150)



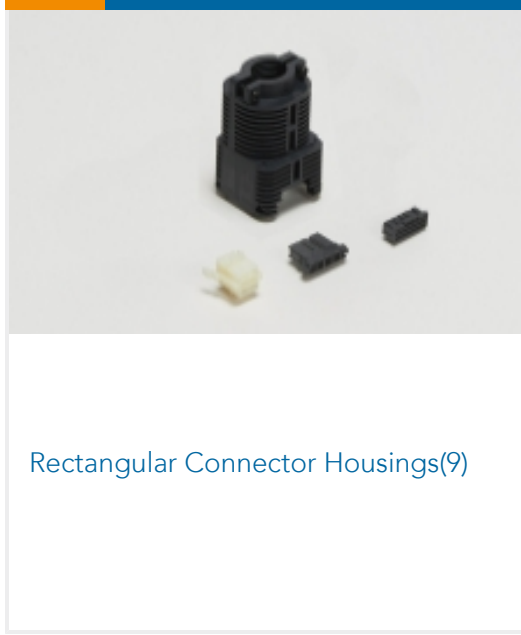
Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



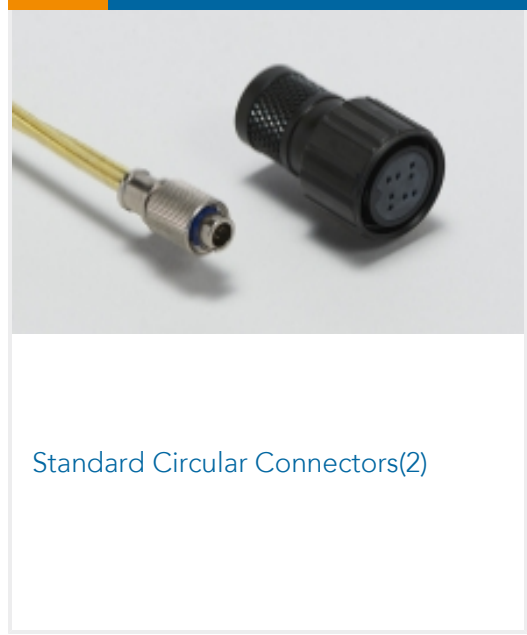
Insertion & Extraction Tools(3)



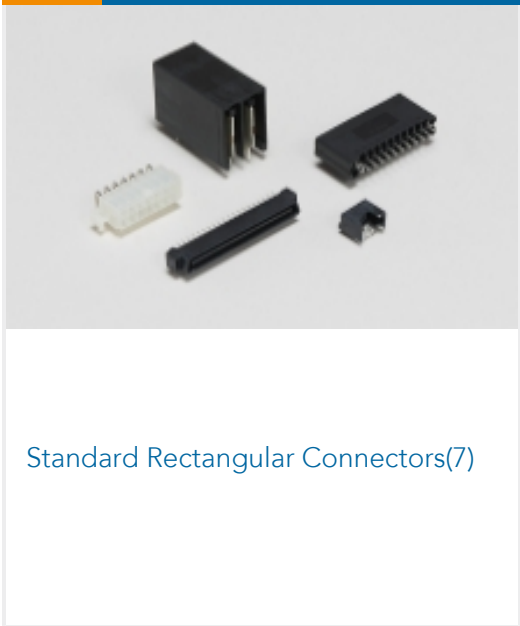
Rectangular Connector Housings(9)



Rectangular Power Connectors(166)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

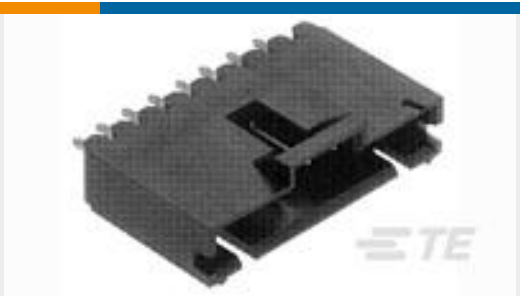
Customers Also Bought



TE Part #1735447-3
HPI 2.0 RECEPTACLE HOUSING, 3P



TE Part #32837-1
PIDG Ring Tongue Terminals



TE Part #103638-1
02 MTE HDR SRST LATCH .100CL



TE Part #1-480349-0
01P CMNL PLUG HSG F/H NATL



TE Part #485030-1
RING 18-14 AWG TPBR



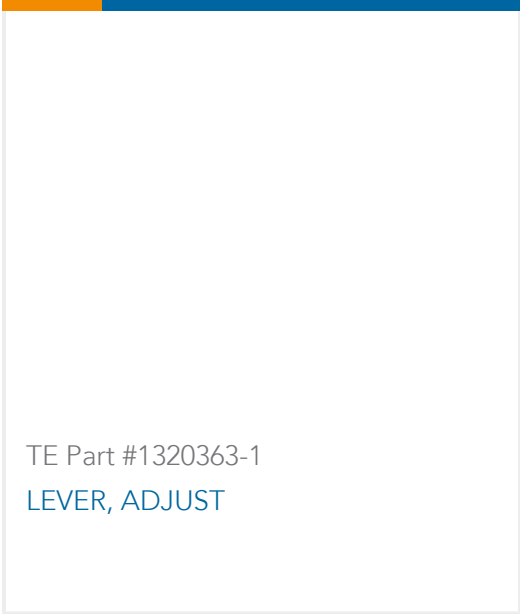
TE Part #1625892-9
3W SM M/OX 5% 100R



TE Part #3-6609952-7
PS000DHXB=C4551



TE Part #1546670-6
6P .437" DR BARRIER,W/BND SCRW



TE Part #1320363-1
LEVER, ADJUST

Documents

Product Drawings
CMNL PIN 24-18 AUNIBR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_61116-7_BL.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_61116-7_BL.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_61116-7_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