



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
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

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	2.13 mm[.084 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Round
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Barrel Type	Open
Contact Type	Socket



Contact Mating Area Plating Material	Gold (Au)
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	3.3 mm[.13 in]
Wire Size	.52 – 2.08 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	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

 TE Part # 1-480275-0 12P CMNL PLUG HSG P/M NATL	 TE Part # 1-480324-0 15P CMNL CAP HSG P/M NATL	 TE Part # 1-480339-0 10P CMNL CAP HSG F/H NATL	 TE Part # 1-480319-0 02P CMNL CAP HSG NATL
 TE Part # 1-480350-6 01P CMNL CAP HSG F/H BLU	 TE Part # 1-480304-0 03P CMNL PLUG HSG P/M NATL	 TE Part # 1-480426-9 04P CMNL CAP HSG F/H BLK	 TE Part # 1-480349-2 01P CMNL PLUG HSG F/H RED
 TE Part # 170924-1 MNL 2 POS NATURAL PIN HSG	 TE Part # 1-171197-0 9 POS MATE-N-LOK S	 TE Part # 91504-1 CCII CMNL MNL PIN SKT 20-14 ASSY	 TE Part # 90575-1 SDE UMNL 20-14 AWG ASSY



TE Part # 2-151680-0
2 WAY MATE-N-LOK SOC HSG NAT.A



TE Part # 5-2151500-1
OCEAN_2.0_APPLICATOR-S-090F130F-RSM



TE Part # 1-480424-0
04P CMNL PLUG HSG F/H NATL



TE Part # 1-480424-9
04P CMNL PLUG HSG F/H BLK



TE Part # 1-480439-0
16P CMNL CAP HSG M/M NATL



TE Part # 1-480284-0
08P CMNL CAP HSG M/M NATL



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



TE Part # 1-480318-0
02P CMNL PLUG HSG F/H NATL

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



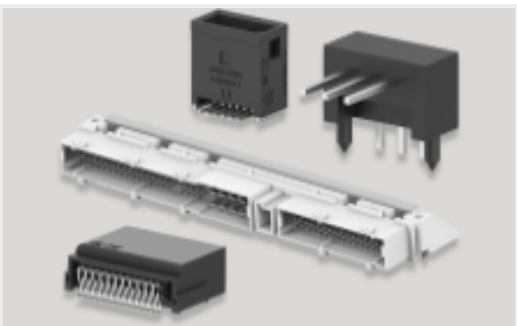
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(56)



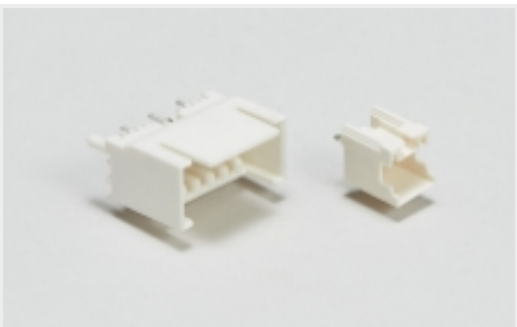
Power Contacts(146)



Rectangular Power Connectors(182)



Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles (56)

Customers Also Bought



TE Part #ZPF00000000099947
FDBA 50-8 E1 PN 090 A499



TE Part #794132-1
04P CMNL CAP HSG



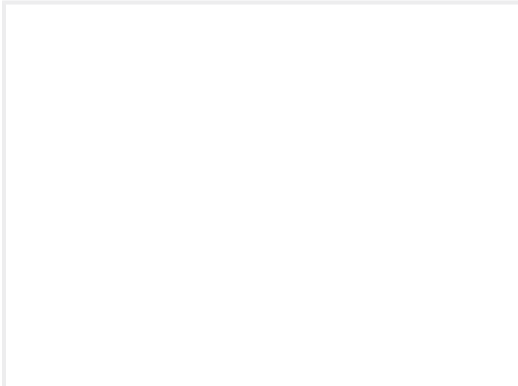
TE Part #ZPF000000000137230
DMC-MA 20-22 AN



TE Part #770827-1
04P CMNL PLUG HSG 94-VO



TE Part #ZPF000000000100857
DMC-MD 24 B



TE Part #ZPF000000000107346
787-0011-00



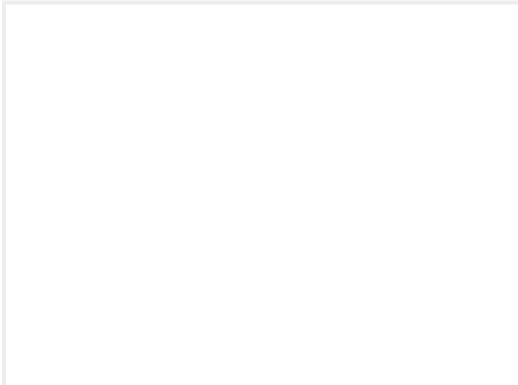
TE Part #ZPF000000000006394
951-02H 22-55 P 50



TE Part #6-1879337-8
CPF 0603 12K4 1% 50PPM 1K RL



TE Part #61118-7
CMNL PIN 20-14 AUNIBR



TE Part #164-8013-08-A499
BACKSHELL

Documents

Product Drawings
CMNL SOK 20-14 AUBR

English

CAD Files

3D PDF

English

Customer View Model
ENG_CVM_61117-5_AC.2d_dxf.zip

English

Customer View Model
ENG_CVM_61117-5_AC.3d_igs.zip

English

Customer View Model
ENG_CVM_61117-5_AC.3d_stp.zip

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_61117-5_BJ.2d_dxf.zip](#)

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Customer View Model

[ENG_CVM_CVM_61117-5_BJ.3d_igs.zip](#)

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Customer View Model

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English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English