



MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 61314-7
Socket Contact, Gold (Au), 250 VAC, Locking Lance Contact Retention, 24 – 18 AWG, .2 – .82 mm² Wire, Crimp, Brass, Power, Commercial MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



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

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 Thickness	1.27 µm[50 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
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 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	7000
Packaging Method	Reel

Product Compliance

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

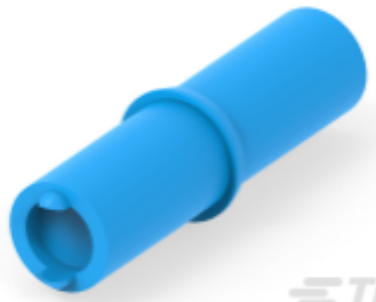
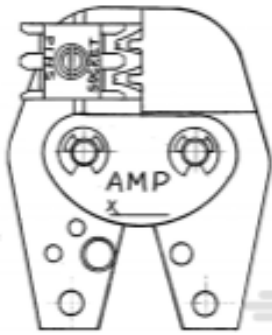
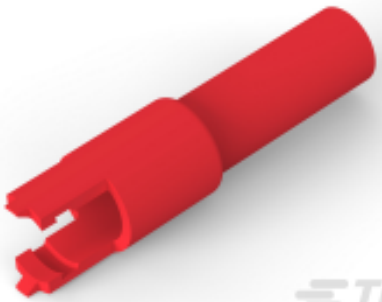
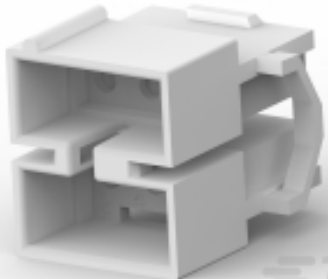
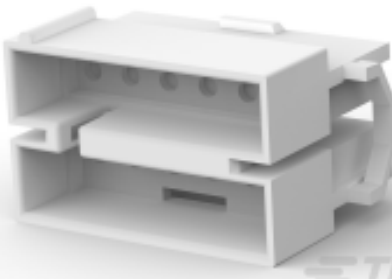
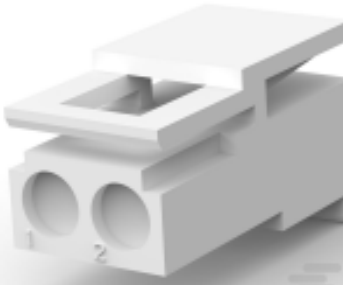
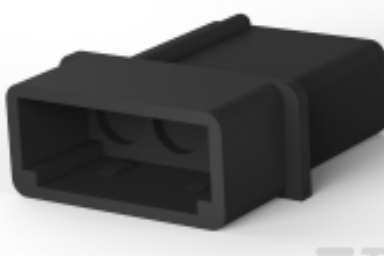
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 1-480349-6 01P CMNL PLUG HSG F/H BLU	 TE Part # 171382-1 MNL PANEL MOUNT PLUG 6P	 TE Part # 752853-1 DIES 90123-2	 TE Part # 171267-1 CIRCUIT HSG PLUG
 TE Part # 1-480351-2 01P CMNL CAP HSG RED	 TE Part # 1-480271-0 06P CMNL CAP HSG M/M NATL	 TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL	 TE Part # 1-480288-0 12P CMNL CAP HSG M/M NATL
 TE Part # 1-480388-0 03P CMNL PLUG HSG F/H BLK	 TE Part # 1-480393-1 02P CMNL PLUG HSG F/H BLK	 TE Part # 1-480425-0 04P CMNL PLUG HSG P/M NATL	 TE Part # 1-480720-0 02P CMNL PLUG HSG W/LOK NATL
 TE Part # 1-480319-9 02P CMNL CAP HSG F/H BLK	 TE Part # 1-480305-9 03P CMNL CAP HSG F/H BLK	 TE Part # 1-480438-0 16P CMNL PLUG HSG M/M NATL	 TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK



TE Part # 1-480283-0
08P CMNL PLUG HSG M/M NATL

TE Part # 1-480318-4
02P CMNL PLUG HSG F/H YELL

TE Part # 1-480319-4
02P CMNL CAP HSG F/H YELL

TE Part # 1-480721-0
03P CMNL PLUG HSG W/LOK 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 #1462050-4
HF3 06 = 75OHM 140MW 12V MONO

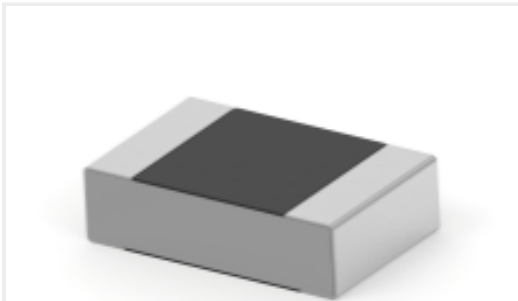
TE Part #2-87195-4
MOD IV RECP PLTE 15 DPLX

TE Part #2-1676625-8
HSA25 200R 5%

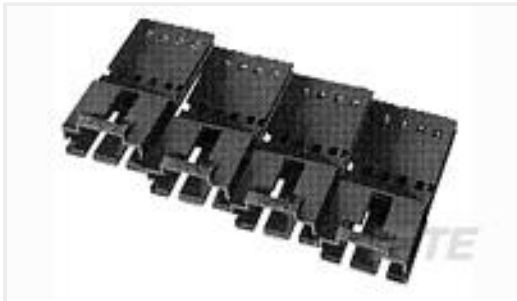
TE Part #1-480424-0
04P CMNL PLUG HSG F/H NATL



TE Part #205205-7
CRIMP SNAP RCPT ASSY,SIZE 2



TE Part #2176238-5
CPF A 0805 18R 0.1% 25PPM 5K RL



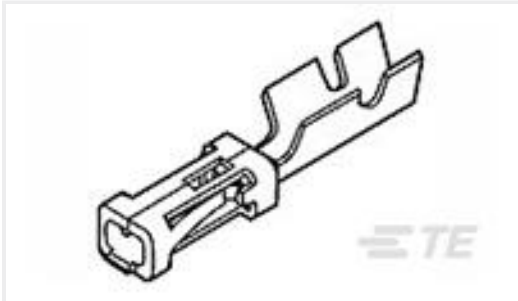
TE Part #103653-5
06 MTE SHRD PIN HSG SR LATCH



TE Part #1-770903-0
MINI UMNL PIN 22-18 AWG AU



TE Part #1-770904-0
MINI UMNL SOK 22-18 AWG AU



TE Part #87523-5
MOD IV RECP PLTDD SN

Documents

Product Drawings

CMNL SOK 24-18 AUBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_61314-7_BG.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61314-7_BG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61314-7_BG.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_61314-7_AB.2d_dxf.zip

English

Customer View Model

ENG_CVM_61314-7_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_61314-7_AB.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