163306-4 ✔ ACTIVE

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

TE Internal #: 163306-4

Socket Contact, Tin, Locking Lance Contact Retention, 17 - 13 AWG Wire Size, 1 - 2.5 mm² Wire Size, Crimp, Phosphor Bronze, Commercial MATE-N-LOK

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Tin-Lead**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

Product Type Features

Discrete Wire Type	Stranded

Contact Features

Mating Pin Diameter	2.1 mm[.082 in]
Contact Orientation	Straight
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze

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	2.5 - 3.8 mm[.098 - .15 in]
Wire Size	1 - 2.5 mm²

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	1000
Packaging Method	Box

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 # 91504-1
CCII CMNL MNL PIN SKT 20-14 ASSY



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



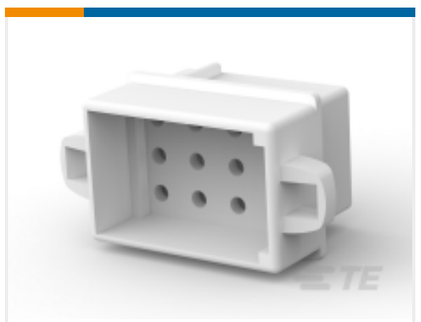
TE Part # 1-480285-0
10P CMNL PLUG HSG M/M NATL

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



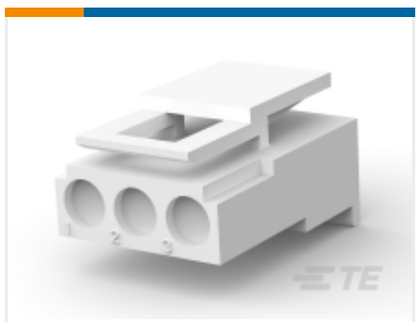
TE Part # 1-480278-0
12P CMNL CAP HSG P/M NATL



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



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



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)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



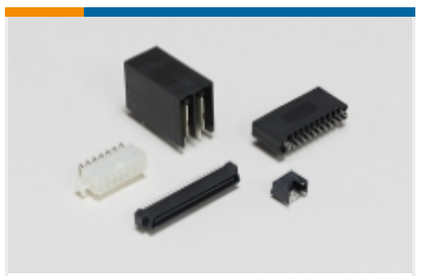
Rectangular Connector Housings(9)



Rectangular Power Connectors(167)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

Customers Also Bought



TE Part # 1-917337-2
DYNAMIC D-3 VERTI. HDR ASSY 2P



TE Part # 1-5164713-0
10P.MINI-MATCH ASSY



TE Part # 1-770968-1
04P MINI UMNL R/A HDR ASSY LF



TE Part # 350810-1
05P UMNL CAP HSG



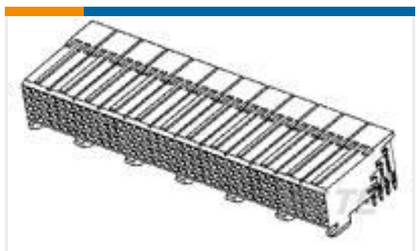
TE Part # 350736-4
15P UMNL PLUG HSG UL94V0



TE Part # 1-5164711-0
10pos.MINI-MATCH FBTB, 2.5mm p



TE Part # 1-480303-0
03P CMNL PLUG HSG F/H NATL



TE Part # 5536507-2
2MM FB,ASY,048,SIG,REC,SL,2.73



TE Part # 640385-6
06P MTA156 HDR ASSY SQ R/A

Documents

Product Drawings

SOCKET M-N-L

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163306-4_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163306-4_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163306-4_H.3d_stp.zip

English

Customer View Model

ENG_CVM_163306-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_163306-4_B.3d_stp.zip

English

Customer View Model

ENG_CVM_163306-4_B.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English