

153211-1 ✓ ACTIVE

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

TE Internal #: 153211-1

Power Contacts, Contact, 250 VAC, Tin, 20 – 15 AWG Wire Size, .52 – 1.5 mm<sup>2</sup> Wire Size, Wire-to-Wire, Wire & Cable, Crimp, Power, Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.52 – 1.5 mm<sup>2</sup>**

## Features

### Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	15 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	3 mm [.118 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	.81 – 3.175 μm [32 – 125 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright



Contact Orientation	Straight
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Wire Insulation Support	Without
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### Dimensions

Wire Size	.52 – 1.5 mm <sup>2</sup>
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Accepts Wire Insulation Diameter Range	2.03 – 3.05 mm [.08 – .12 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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### Packaging Features

Packaging Method	Reel
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 170120-1  
MATE-N-LOK SOCKET 2



TE Part # 350078-1  
CMNL SOK 30-22 PTPBR



TE Part # 350557-1  
MNL SOK SPECIAL .0126PTPBR



TE Part # 170121-1  
MATE-N-LOK SKT L.P.



TE Part # 153210-2  
3 M/M LANCED PIN



TE Part # 170120-4  
MATE-N-LOK SOCKET



TE Part # 350078-4  
CMNL SOK 30-22 PTPPHBZ



TE Part # 153226-1  
3 M/M LANCED PIN



TE Part # 61115-1  
CMNL SOK 22-18 .010PTPBR



TE Part # 153256-1  
3 M/M LANCE LESS SOCKET



TE Part # 153256-2  
3 M/M LANCE LESS SOCKET OBSOL



TE Part # 160497-2  
MATE-N-LOK SOCKET



TE Part # 160498-2  
MATE-N-LOK PIN IS

## Also in the Series | Commercial MATE-N-LOK



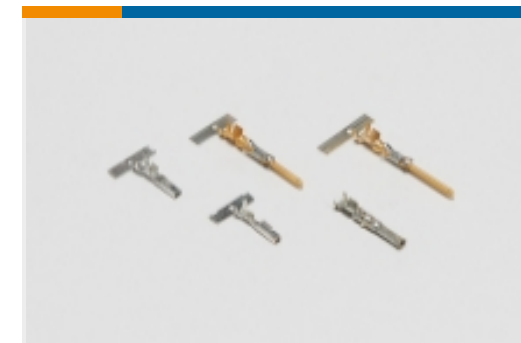
Connector Contacts(26)



Crimp Wire Pins, Tabs &amp; Ferrules(3)



Insertion &amp; Extraction Tools(5)



Power Contacts(129)



Rectangular Caps &amp; Covers(2)



Rectangular Connector Housings(17)



Rectangular Connector Seals(1)



Rectangular Power Connectors(170)



Standard Circular Connectors(4)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

## Documents

### Product Drawings

#### 3 M/M LANCED SOCKET

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_153211-1\\_W.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_153211-1\\_W.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_153211-1\\_W.3d\\_stp.zip](#)

English



By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

## Product Specifications

### Application Specification

English