



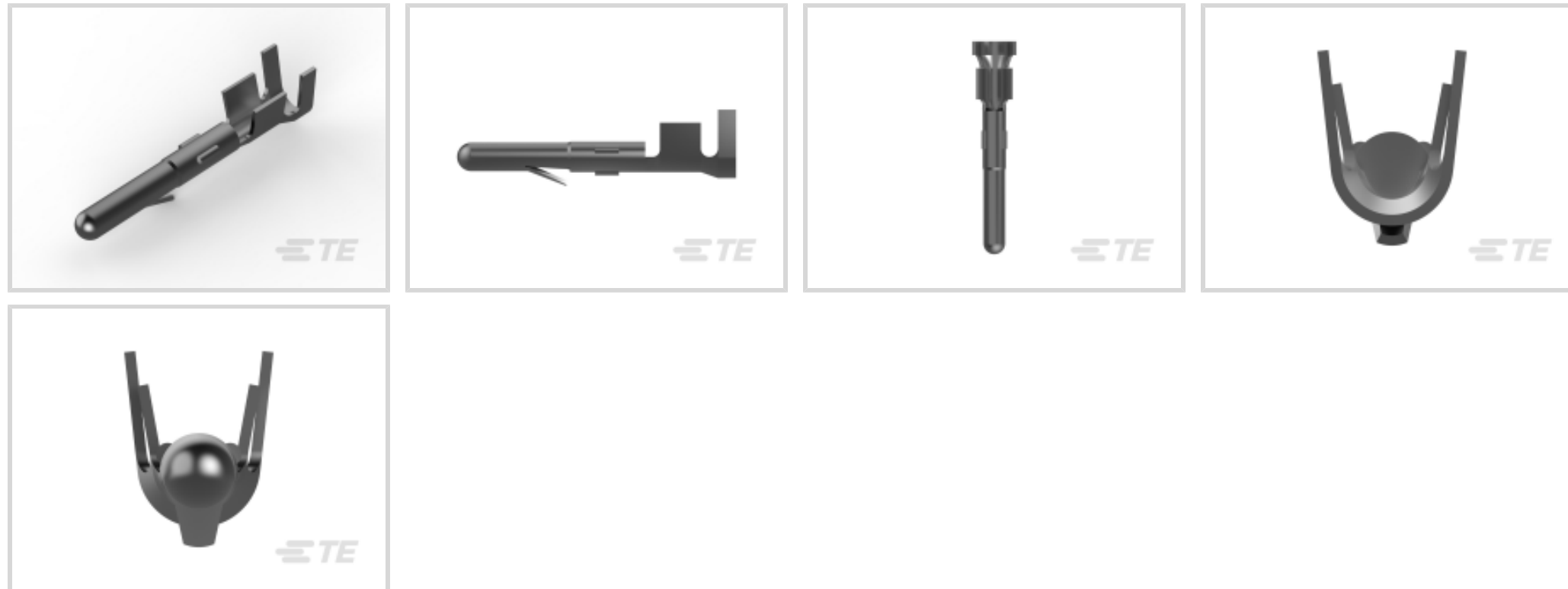
MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 163303-6

Tin (Sn), Pin Contact, 17 – 13 AWG, 1 – 2.5 mm² Wire, Locking Lance Contact Retention, Crimp, Brass, Power, Commercial MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Contact Retention Within Housing: **With**

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

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Mating Pin Diameter	2.1 mm[.082 in]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment



Contact Retention Type Within Housing	Locking Lance
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Wire Insulation Support	Without
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Dimensions

Wire Size	1 – 2.5 mm ²
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Compatible Insulation Diameter Range	2.5 – 3.8 mm [.098 – .15 in]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	3500
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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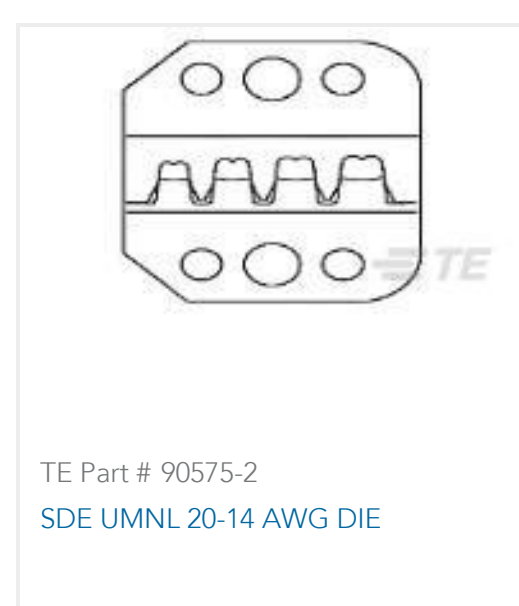
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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



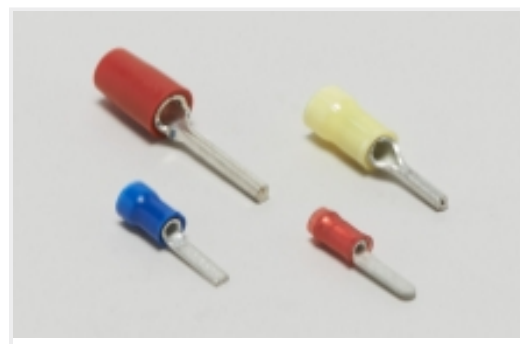
Also in the Series | Commercial MATE-N-LOK



Connector Contacts(150)



Connector Hardware(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



Rectangular Connector Housings(118)



Rectangular Power Connectors(181)



Standard Circular Connectors(2)

Customers Also Bought



TE Part #163302-6
MATE-N-LOK SIDE WAY



TE Part #353908-8
CT REC HSG 8P CRIMP TYPE WHITE



TE Part #1-1969540-0
HOUSING, PLUG, 10P,DUAL ROW, EP2.5



TE Part #2-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #2141647-1
13POS, MIXED,TAB HSG,ASSY,CODA



TE Part #2141648-1
13POS, MIXED,REC HSG,ASSY,CODA



TE Part #2203701-2
2POS, MCON 1.2 CB TAB 2p TL UNSEALED



TE Part #2822362-4
070 EJ MK-2 SENSOR PLUG 2P DARK GREEN



TE Part #1744416-7
7 POS EP II HSG, GLOW WIRE



TE Part #172507-1
MIC CAP HSG 11P MK II

Documents



Product Drawings

MATE-N-LOK PIN

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_163303-6_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_163303-6_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_163303-6_F.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_163303-6_Z.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163303-6_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163303-6_Z.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English