

350079-1 ✓ ACTIVE

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

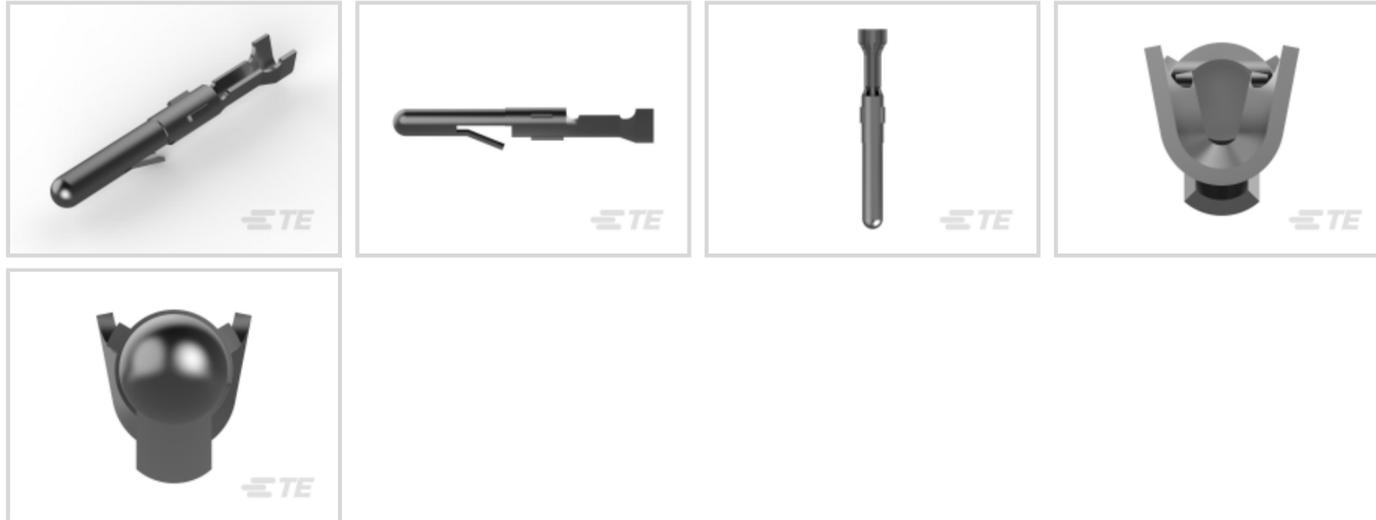
TE Internal #: 350079-1

Pin Contact, Tin (Sn), 250 VAC, Locking Lance Contact Retention, 30 – 22 AWG, .05 – .4 mm² Wire, 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**

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 Orientation	Straight
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Mating Pin Diameter	2.11 mm [.083 in]
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Wire Contact Termination Area Plating Thickness	.508 – .812 μm [20 – 32 μin]
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Contact Type	Pin
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Contact Mating Area Plating Material	Tin (Sn)
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Wire Contact Termination Area Plating Material	Pre-Tin
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Contact Retention Within Housing	With
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Contact Base Material	Brass
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Contact Current Rating (Max)	15 A
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Termination Features



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

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

Compatible Insulation Diameter Range	1.02 – 1.91 mm [.04 – .075 in]
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Wire Size	.05 – .4 mm ²
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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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Packaging Features

Packaging Quantity	8000
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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	No Restricted Materials Above Threshold
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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
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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 # 2151286-2
OCEAN-2.0-APPLICATOR-S-055F090FA-SSA



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



TE Part # 2151286-1
OCEAN-2.0-APPLICATOR-S-055F090F-SSM



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



TE Part # 1-480277-0
09P CMNL CAP HSG P/M NATL



TE Part # 1-480401-0
01P CMNL CAP HSG F/H BLK



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



TE Part # 1-480318-9
02P CMNL PLUG HSG F/H BLK



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



TE Part # 1-480270-0
06P CMNL PLUG HSG M/M NATL



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



TE Part # 1-480318-0
02P 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 # 1-480722-0
04P CMNL PLUG HSG W/LCK NATL



TE Part # 1-480305-0
03P CMNL CAP HSG F/H NATL



TE Part # 1-480323-0
15P CMNL PLUG HSG P/M NATL



TE Part # 1-480350-0
01P CMNL CAP HSG F/H NATL



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

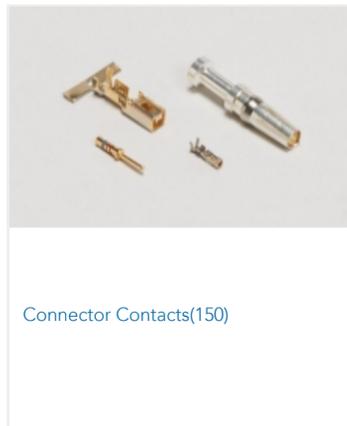


TE Part # 1-480349-6
01P CMNL PLUG HSG F/H BLU

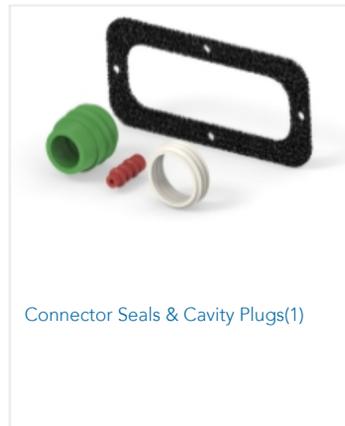
Also in the Series | Commercial MATE-N-LOK



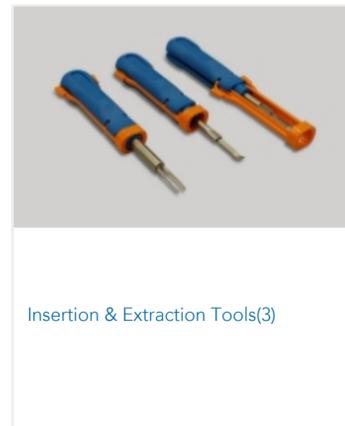
Connector Caps & Covers(2)



Connector Contacts(150)



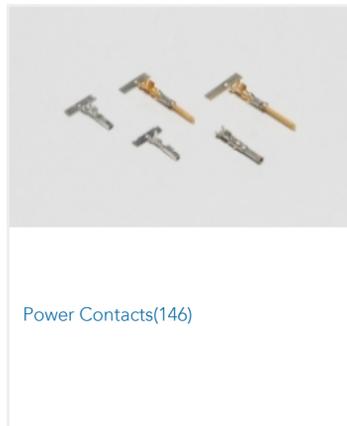
Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(3)



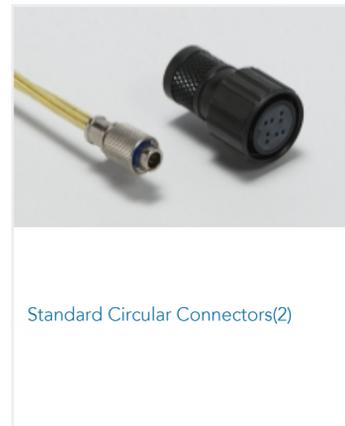
PCB Headers & Receptacles(56)



Power Contacts(146)



Rectangular Power Connectors(182)



Standard Circular Connectors(2)



Wire-to-Board Headers & Receptacles (56)

Customers Also Bought



TE Part #1-520987-4
250 FASTON HSG.,REC.,4 POS,BLACK



TE Part #521368-2
ULTRA-POD 250 ASSY REC 22-18 AWG TPBR



TE Part #521284-1
ULTRA-POD 187 ASSY REC 20-16 AWG BR



TE Part #2337218-6
Power Versa-Lock TPA, 2X3



TE Part #CAT-P87074-P729
POWER TRIPLE LOCK Plug, Standard
Temperature



TE Part #794714-1
06P UMNL CAP HSG NATL, PAN MNT



TE Part #63757-1
250 FASTON REC 16-12 AWG BR



TE Part #2329906-1
Power Versa-Lock TAB, 18-20, 2X22
AWG



TE Part #1-2336231-6
Power Versa-Lock TNL CAP, 2X3 KEY A

Documents

Product Drawings

MNL PIN 30-22 PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_350079-1_AP.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350079-1_AP.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350079-1_AP.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