



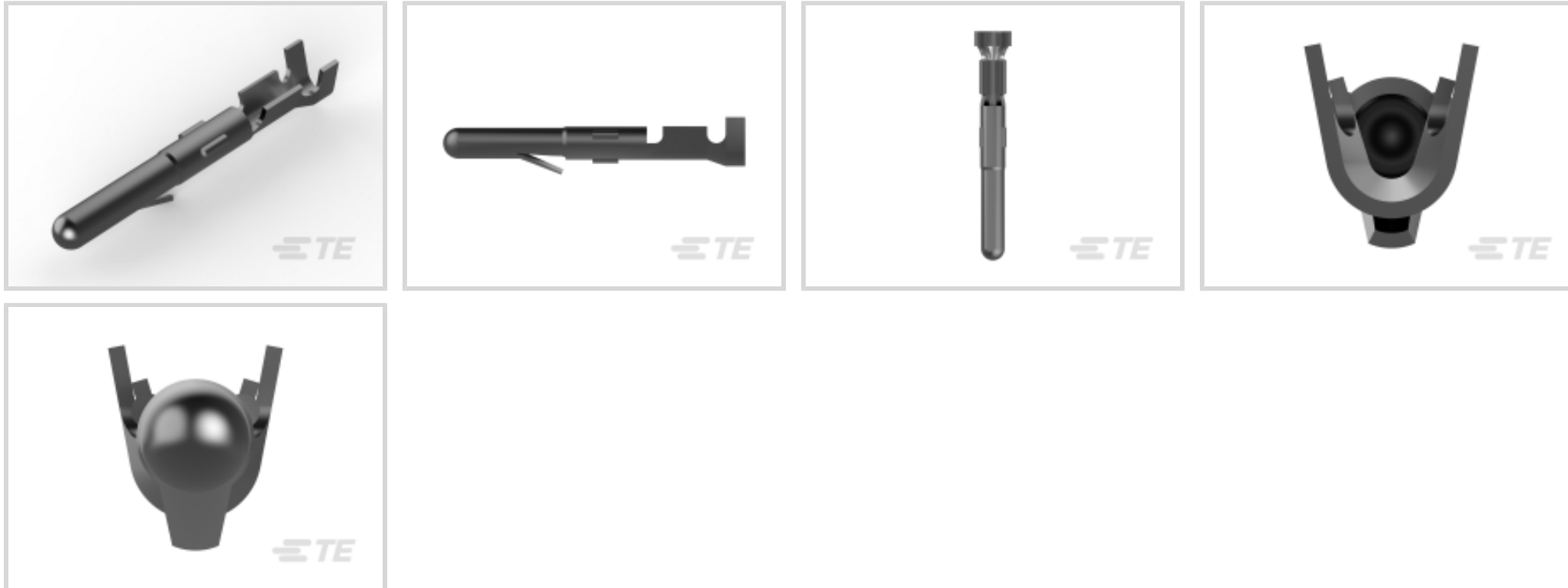
MATE-N-LOK | Commercial MATE-N-LOK

TE Internal #: 163555-8

Pin Contact, Tin, Locking Lance Contact Retention, 22 – 18 AWG
 Wire Size, .3 – .75 mm² Wire Size, Crimp, Phosphor Bronze, Power,
 Commercial MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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
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Contact Features

Mating Pin Diameter	2.1 mm[.082 in]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Barrel Type	Open
Contact Type	Pin
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	1.4 – 2.4 mm [.055 – .095 in]
Wire Size	.3 – .75 mm ²

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Product Compliance

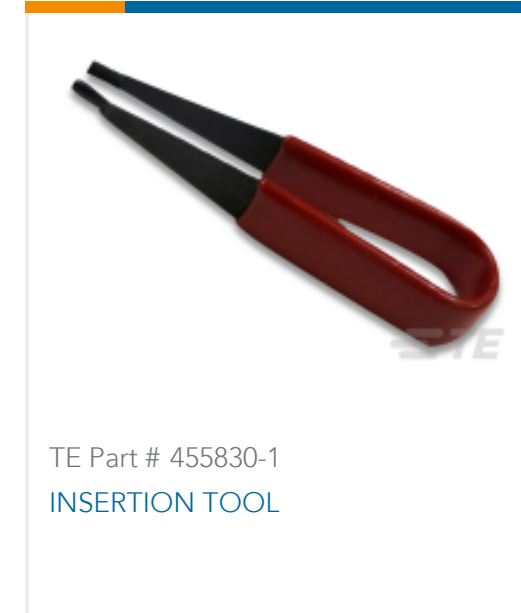
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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>

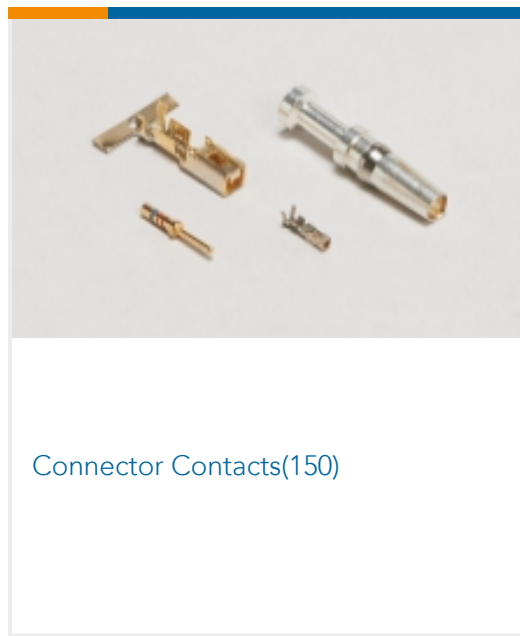
Compatible Parts



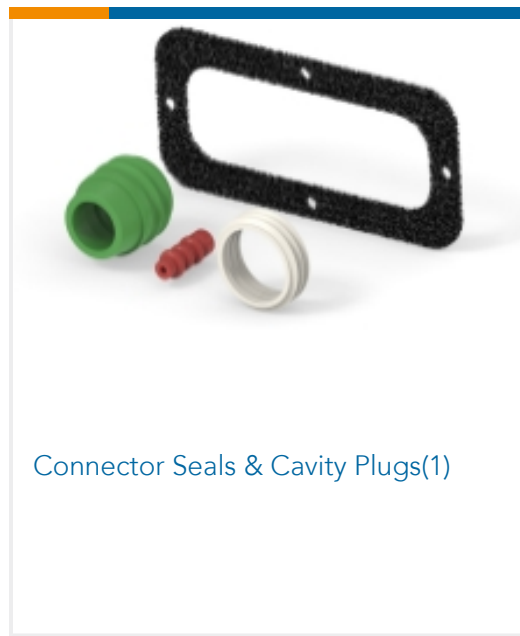
Also in the Series | Commercial MATE-N-LOK



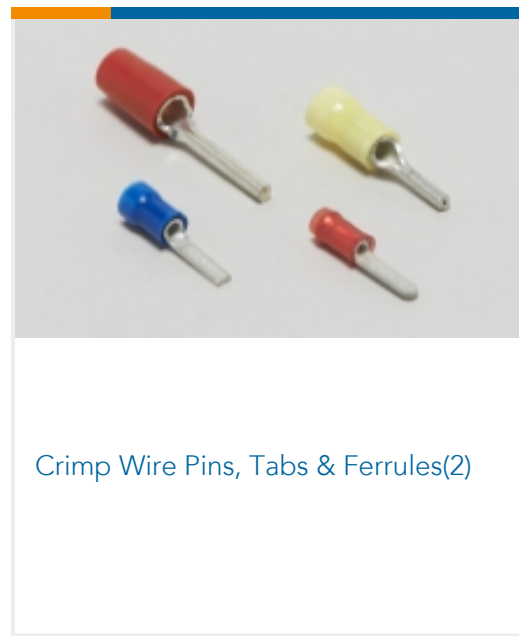
Connector Caps & Covers(2)



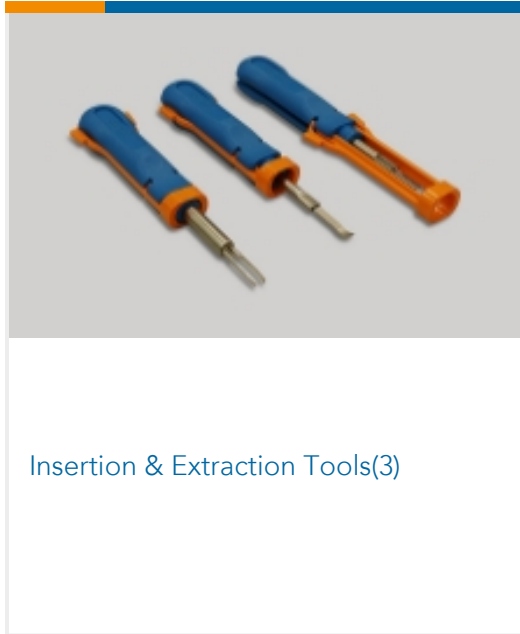
Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



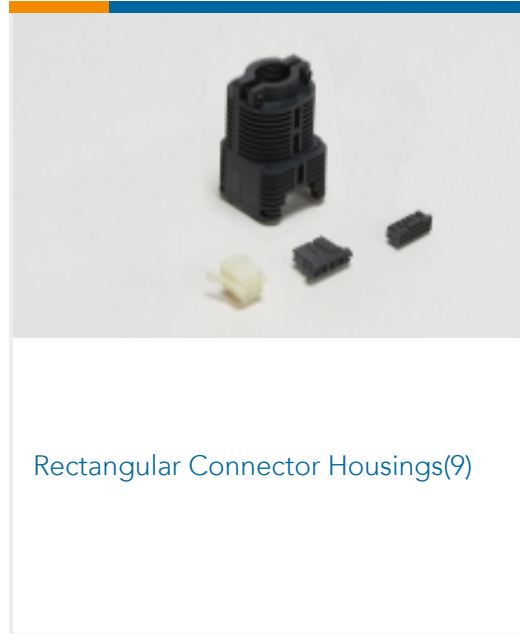
Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



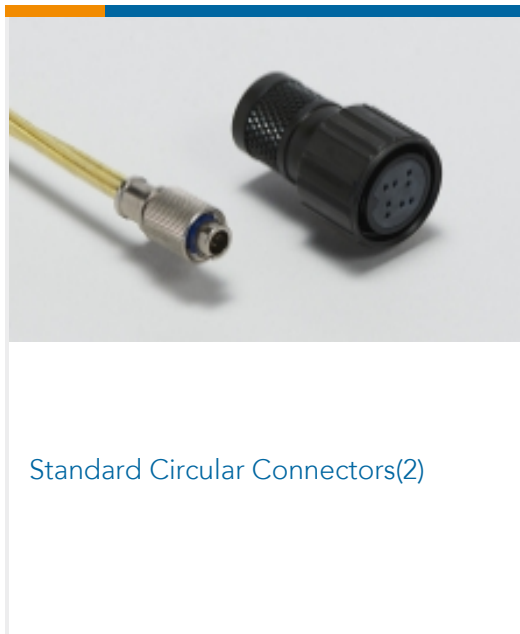
PCB Headers & Receptacles(56)



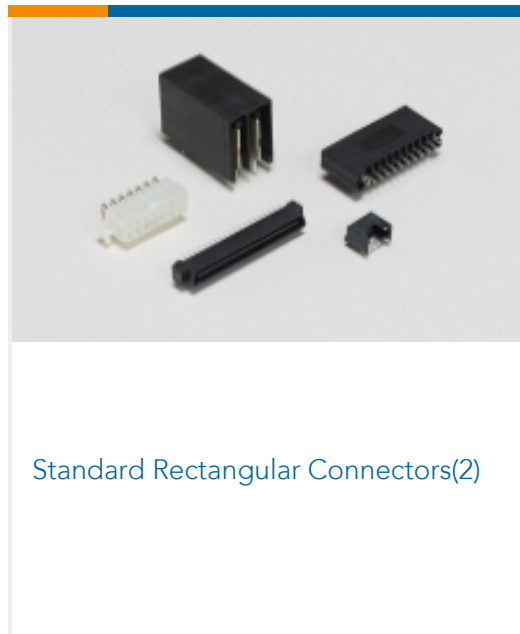
Rectangular Connector Housings(9)



Rectangular Power Connectors(115)



Standard Circular Connectors(2)



Standard Rectangular Connectors(2)

Customers Also Bought



TE Part #8-968971-1
AMP Unsealed Connector Housing



TE Part #917249-1
DYNAMIC D-3400F REC HSG 20P



TE Part #925552-1
AM WIRE PIN 20-17 .013 BR



TE Part #160389-3
250 FASTON,REC.,24-17 AWG,PNST



TE Part #826883-2
02P ECONOSEAL "E"



TE Part #163303-8
MATENLOK.PIN



TE Part #60736-2
FASTON 250 FLAG REC 24-20 AWG
TPBR



TE Part #350779-5
04P UMNL PLUG HSG UL94V0 GW



Documents

Product Drawings

MATE-N-LOK PIN 0,3-

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_163555-8_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_163555-8_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_163555-8_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_163555-8_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163555-8_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163555-8_M.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English