

794606-1 ✓ ACTIVE

MATE-N-LOK | Micro MATE-N-LOK

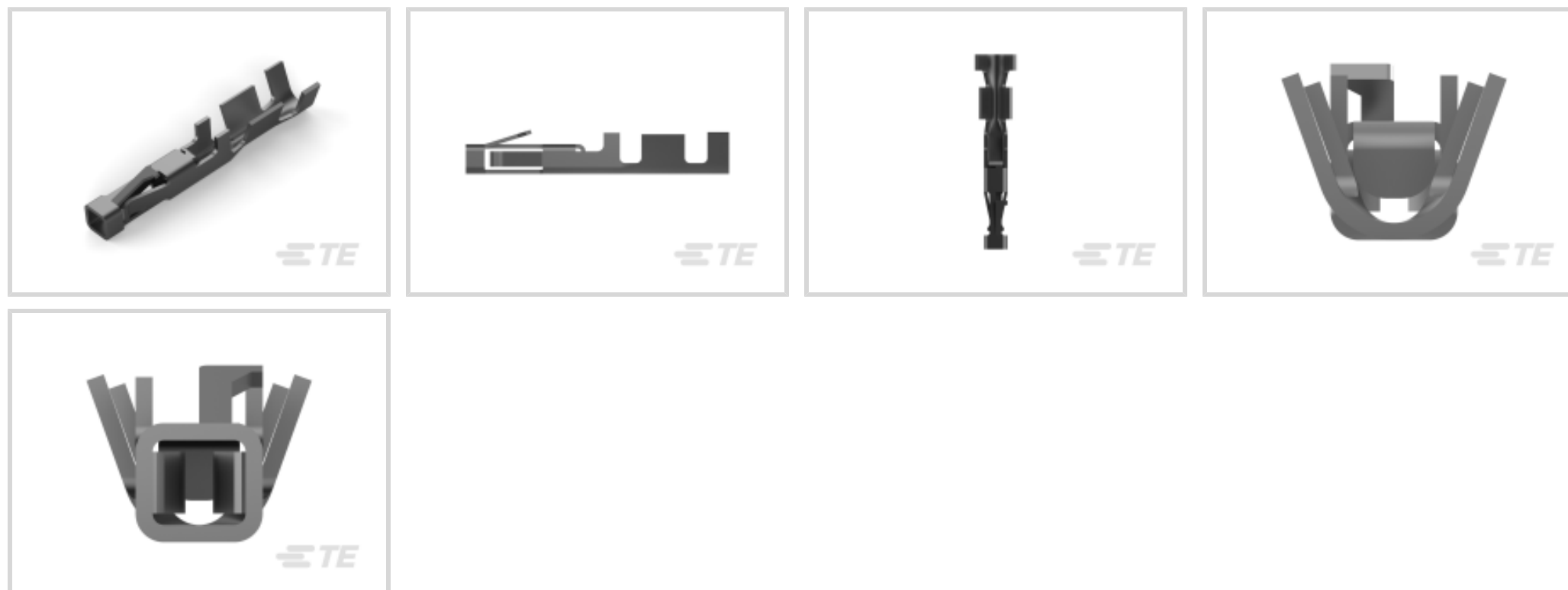
TE Internal #: 794606-1

Micro MATE-N-LOK, Power Contacts, Contact, Operating Voltage 250 VAC, Operating Voltage 250 VDC, Tin, 24 – 20AWG Wire Size, .204 – .517mm<sup>2</sup> Wire Size

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **24 – 20 AWG**

## Features

### Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Electrical Characteristics

Operating Voltage	250 VDC
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	5 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Mating Square Post Dimension	.64 mm[.025 in]
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.5 – 4 μm[59.05 – 157.48 μin]
Contact Mating Area Plating Material Finish	Bright



Wire Contact Termination Area Plating Material Thickness	1.5 – 4 µm[59.05 – 157.5 µin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Barrel Type	Open Barrel

### Termination Features

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

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

### Dimensions

Wire Size	404 – 1022 CMA
Accepts Wire Insulation Diameter Range	.89 – 1.52 mm[.035 – .06 in]

### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 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
Agency/Standard	CSA, UL, VDE
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Method	Reel
Packaging Quantity	15000

### Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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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 2021  
(211)Candidate List Declared Against: JAN 2021  
(211)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per  
homogenous material. Also BFR/CFR/PVC  
Free

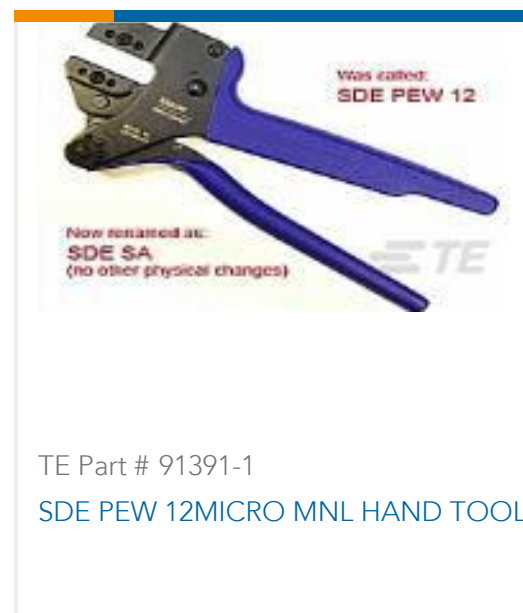
Solder Process Capability

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 # 2-2151022-1  
OCEAN\_2.0\_APPLICATOR-S-055F070F



TE Part # 2-2151022-2  
OCEAN\_2.0\_APPLICATOR-S-055F070F



TE Part # 2-2837550-1  
OCEAN\_2.0\_APPLICATOR-S-050F070F



TE Part # 2-2837550-2  
OCEAN\_2.0\_APPLICATOR-S-050F070F



TE Part # 2837550-1  
OCEAN\_2.0\_APPLICATOR-S-050F070F



TE Part # 2837550-2  
OCEAN\_2.0\_APPLICATOR-S-050F070F



TE Part # 7-2151022-1  
OCEAN\_2.0\_APPLICATOR-S-055F070F



TE Part # 7-2151022-2  
OCEAN\_2.0\_APPLICATOR-S-055F070F



TE Part # 7-2837550-1  
OCEAN\_2.0\_APPLICATOR-S-050F070F




TE Part # 7-2837550-2  
OCEAN\_2.0\_APPLICATOR-S-050F070F




TE Part # 7-2837550-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-050F070F


Also in the Series | **Micro MATE-N-LOK**




Connector Contacts(1)



Insertion & Extraction Tools(1)



Power Contacts(26)



Rectangular Power Connectors(712)

Customers Also Bought



TE Part #1-794617-0  
10POS,MICRO MNL,RCPT HSG



TE Part #1-794617-6  
16POS,MICRO MNL,RCPT HSG



TE Part #1-794617-2  
12POS,MICRO MNL,RCPT HSG



TE Part #1-794608-0  
PIN CONT 20-24 TIN PLATE STRIP





## Documents

### Product Drawings

[MICRO MNL RPT CNT STRIP 20-24](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_794606-1\\_K.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_794606-1\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_794606-1\\_K.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\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

[1773458-4\\_MICRO\\_MATE\\_N\\_LOK\\_CONNECTOR\\_SYSTEM\\_ORG](#)

English

### Product Specifications

[Application Specification](#)

English



### Product Environmental Compliance

[MD\\_794606-1\\_03062018351\\_dmtec](#)

English

[MD\\_794606-1\\_03062018351\\_dmtec](#)

English

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### Agency Approvals

[VDE Certificate](#)

English