

1-794611-1 ✓ ACTIVE

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

TE Internal #: 1-794611-1

Power Contacts, Contact, 250 VAC, 250 VDC, Gold, 30 – 26 AWG

Wire Size, .05 – .13 mm² Wire Size, Wire & Cable, Crimp, Power,

Micro MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts

Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **30 – 26 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Mating Area Plating Material	Gold
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	.38 μm[15 μin]
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]

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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Wire Insulation Support	Without
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Dimensions

Wire Size	.05 – .13 mm ²
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Compatible Insulation Diameter Range	.89 – 1.52 mm [.035 – .06 in]
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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

Agency/Standard	VDE
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Packaging Features

Packaging Quantity	500
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Packaging Method	Bag
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

<p>TE Part # 91391-1 SDE PEW 12MICRO MNL HAND TOOL</p>	<p>TE Part # 843996-6 TOOL, EXTRACTION RESET</p>	<p>TE Part # 91502-1 CCII MICRO MNL REC 30-26 ASSY</p>	<p>TE Part # 91391-2 SDE COMM MICRO MNL DIE SET</p>
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Also in the Series | Micro MATE-N-LOK

<p>Insertion & Extraction Tools(1)</p>	<p>Power Contacts(27)</p>	<p>Rectangular Power Connectors(466)</p>
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Customers Also Bought

<p>TE Part #2-794617-0 20POS,MICRO MNL,RCPT HSG</p>	<p>TE Part #1445022-4 MICRO MNL RFECEPT HSG SINGLE R</p>	<p>TE Part #794616-2 FREE HANG DBL ROW HSG 2 POS</p>	<p>TE Part #1-1123723-7 3.96 EP HDR ASSY 7P(NATURAL)</p>
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TE Part #1-1318300-6
3.96 EP HDR ASSY 6P NAT/TUBE

TE Part #20011423-01
830M1-0050 Triaxial 50g Tray 25pcs

TE Part #T4110412041-000
M12 F, 4P GOLD B_CODE S
SHIELDED PG9

TE Part #1-2273083-1
M12 x 1.0 angled socket pigt A

TE Part #YHVA280-3PXM-A-000
HVA280-3pxm XE,Key A

Documents

Product Drawings

MICRO MNL RPT CNT,LS PC,15AU,L

English

CAD Files

Customer View Model

ENG_CVM_1-794611-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_1-794611-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_1-794611-1_D.2d_dxf.zip

English

3D PDF

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

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

Product Specifications

Application Specification

English



Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English