

1-794607-2 ✓ ACTIVE

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

TE Internal #: 1-794607-2

Receptacle Contact, Gold, 250 VAC, 250 VDC, Locking Lance

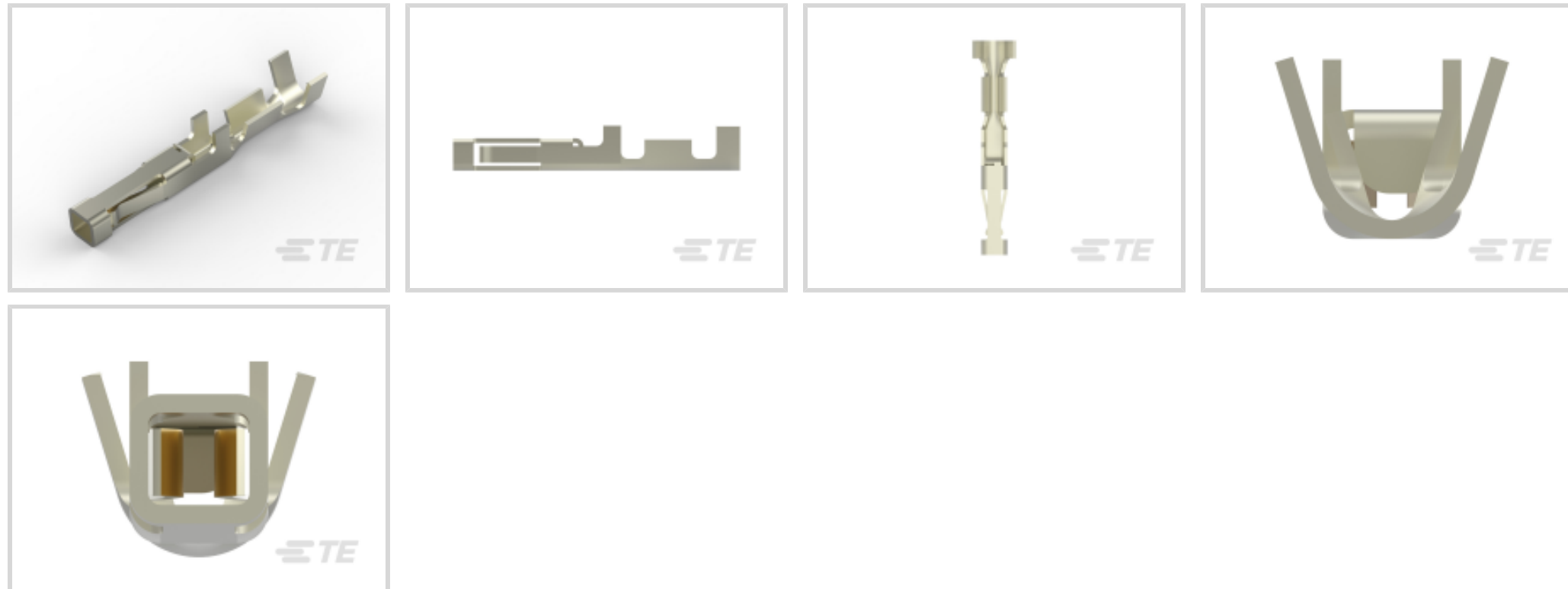
Contact Retention, 30 – 26 AWG Wire Size, .05 – .14 mm² Wire Size,

Crimp, Micro MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold**

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

Operating Voltage: **250 VDC**

Features

Product Type Features

Discrete Wire Type Stranded

Electrical Characteristics

Operating Voltage 250 VDC

Contact Features

Mating Square Post Dimension .64 mm[.025 in]

Contact Underplating Material Thickness 1.27 µm[50 µin]

Wire Contact Termination Area Plating Thickness 2.54 µm[100 µin]

Wire Contact Termination Area Plating Material Finish Bright

Contact Mating Area Plating Material Thickness .76 µm[30 µin]

Contact Orientation Straight

Contact Underplating Material Nickel

Contact Type Receptacle

Contact Mating Area Plating Material Gold

Wire Contact Termination Area Plating Material Tin

Contact Retention Within Housing With



Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	5 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	.89 – 1.27 mm [.035 – .05 in]
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Wire Size	.05 – .14 mm ²
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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

Compatible With Agency/Standards Products	VDE
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Packaging Features

Packaging Quantity	15000
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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: 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

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

Was called: SDE PEW 12
Now renamed to: SDE SA (no other physical changes)

TE Part # 91391-1
SDE PEW 12MICRO MNL HAND TOOL

TE Part # 843996-6
TOOL, EXTRACTION RESET

TE Part # 91502-1
CCII MICRO MNL REC 30-26 ASSY

TE Part # 91391-2
SDE COMM MICRO MNL DIE SET

TE Part # 2151142-1
OCEAN_2.0_APPLICATOR-S-042F070F

TE Part # 2151142-2
OCEAN_2.0_APPLICATOR-S-042F070F

TE Part # 7-2151142-1
OCEAN_2.0_APPLICATOR-S-042F070F

TE Part # 7-2151142-2
OCEAN_2.0_APPLICATOR-S-042F070F

KIT
REPRESENTATION ONLY

TE Part # 7-2151142-7
OCEAN_2.0_SPARE_PART_KIT-042F070F

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



Connector Contacts(27)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(469)

Customers Also Bought



TE Part #1-794613-2
PIN CONT 26-30 30 GOLD L/P



TE Part #2-1633730-7
CRIMPER, WIRE F .042F



TE Part #1-2119784-5
CRIMPER, INSUL O PREMIUM



TE Part #2296121-1
18P HEADER ASSY



TE Part #5-147731-1
03 MODIV VRT SR SFMNT SN



TE Part #7-2151240-7
OCEAN_2.0_SPARE_PART_KIT-055F075F



TE Part #7-2266219-7
OCEAN_2.0_SPARE_PART_KIT-046F058F



TE Part #7-2836084-7
OCEAN_2.0_SPARE_PART_KIT-091F122F
KIT REPRESENTATION ONLY



TE Part #EP0582-000
55FA0511-22-7L-C2170-L407



TE Part #3-1379602-1
40W TH HEADER ASSY BLACK

Documents

Product Drawings

[MICRO MNL RPT CNT STRP 30AU LF](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_1-794607-2_F.3d_igs.zip](#)

English

[Customer View Model](#)



[ENG_CVM_1-794607-2_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-794607-2_F.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-794607-2_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794607-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794607-2_J.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

[MICRO MATE-N-LOK CONNECTOR SYSTEM](#)

English

Product Specifications

[Application Specification](#)

English