

1-794609-0 ✓ ACTIVE

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

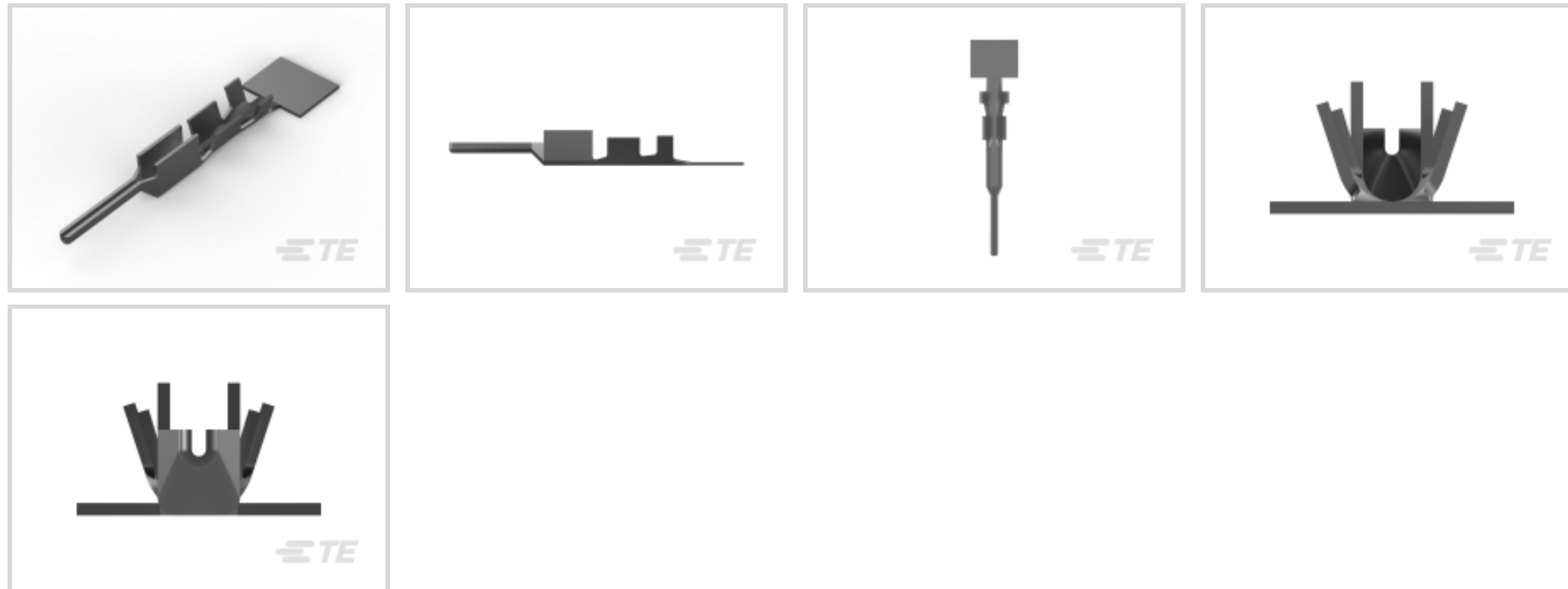
TE Internal #: 1-794609-0

Pin Contact, Tin, 250 VAC, Locking Lance Contact Retention, 30 – 26 AWG Wire Size, .05 – .14 mm<sup>2</sup> Wire Size, Crimp, Brass, Power, Micro 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**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

## Features

### Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

### Contact Features

|   |                               |
|---|-------------------------------|
| Mating Square Post Dimension                          | .64 mm[.025 in]               |
| Contact Underplating Material Thickness               | 1.27 – 3.81 μm[50 – 150 μin]  |
| Wire Contact Termination Area Plating Thickness       | 2.54 – 6.35 μm[100 – 250 μin] |
| Wire Contact Termination Area Plating Material Finish | Bright                        |
| Contact Mating Area Plating Material Thickness        | 2.54 – 6.35 μm[100 – 250 μin] |
| Contact Mating Area Plating Material Finish           | Bright                        |
| Contact Orientation                                   | Straight                      |
| Contact Underplating Material                         | Nickel                        |
| Contact Type  | Pin                           |
| Contact Mating Area Plating Material                  | Tin                           |



|  |       |
|--|-------|
| Wire Contact Termination Area Plating Material | Tin   |
| Contact Retention Within Housing               | With  |
| Contact Base Material                          | Brass |
| Contact Current Rating (Max)                   | 5 A   |

### 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 | .89 – 1.52 mm [.035 – .06 in] |
| Wire Size                            | .05 – .14 mm <sup>2</sup>     |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

### Industry Standards

|   |     |
|---|-----|
| Compatible With Agency/Standards Products | VDE |
|---|-----|

### Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 10000 |
| 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

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

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

TE Part # 1586344-1  
MICRO MATE-N-LOK EXTRACTION TOOL

TE Part # 2836146-1  
OCEAN\_2.0\_Applicator-S-042F070F

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

TE Part # 2425487-1  
MICRO MNL BLIND MATE HINGED TPA CAP 6P

TE Part # 2836146-2  
OCEAN\_2.0\_Applicator-S-042F070F

TE Part # 7-2836146-1  
OCEAN\_2.0\_Applicator-S-042F070F

TE Part # 7-2836146-2  
OCEAN\_2.0\_Applicator-S-042F070F

TE Part # 7-2836146-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-042F070F

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



Connector Contacts(27)



Insertion & Extraction Tools(1)

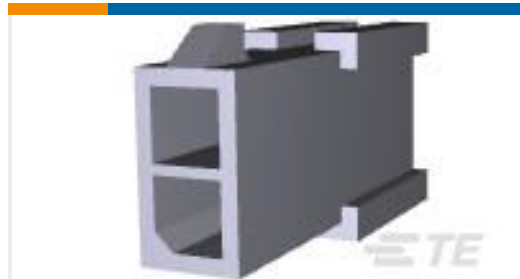


Rectangular Power Connectors(469)

## Customers Also Bought



TE Part #91572-1  
CCII TYPE II REC 26-22 ASSY



TE Part #794616-2  
FREE HANG DBL ROW HSG 2 POS



TE Part #794616-6  
FREE HANG DBL ROW HSG 6 POS



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



TE Part #9-1377172-6  
SMP 0-0034148-0



TE Part #794606-1  
MICRO MNL RPT CNT STRIP 20-24



TE Part #2-1445050-8  
MICRO MNL HDR ASSY S/ROW LF



TE Part #1703104-1  
5 POS MT - EDGE HOUSING



TE Part #2-1445051-2  
MICRO MNL HDR ASSY S/ROW LF

## Documents

### Product Drawings

[PIN CONT 26-30 TIN PLATE STRIP](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_1-794609-0\\_C1.3d\\_igs.zip](#)

English

[3D PDF](#)





English

Customer View Model

[ENG\\_CVM\\_1-794609-0\\_C1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-794609-0\\_C1.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794609-0\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794609-0\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794609-0\\_E.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

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

English

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### Product Specifications

[Application Specification](#)

English