

794611-1 ✓ ACTIVE

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

TE Internal #: 794611-1

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

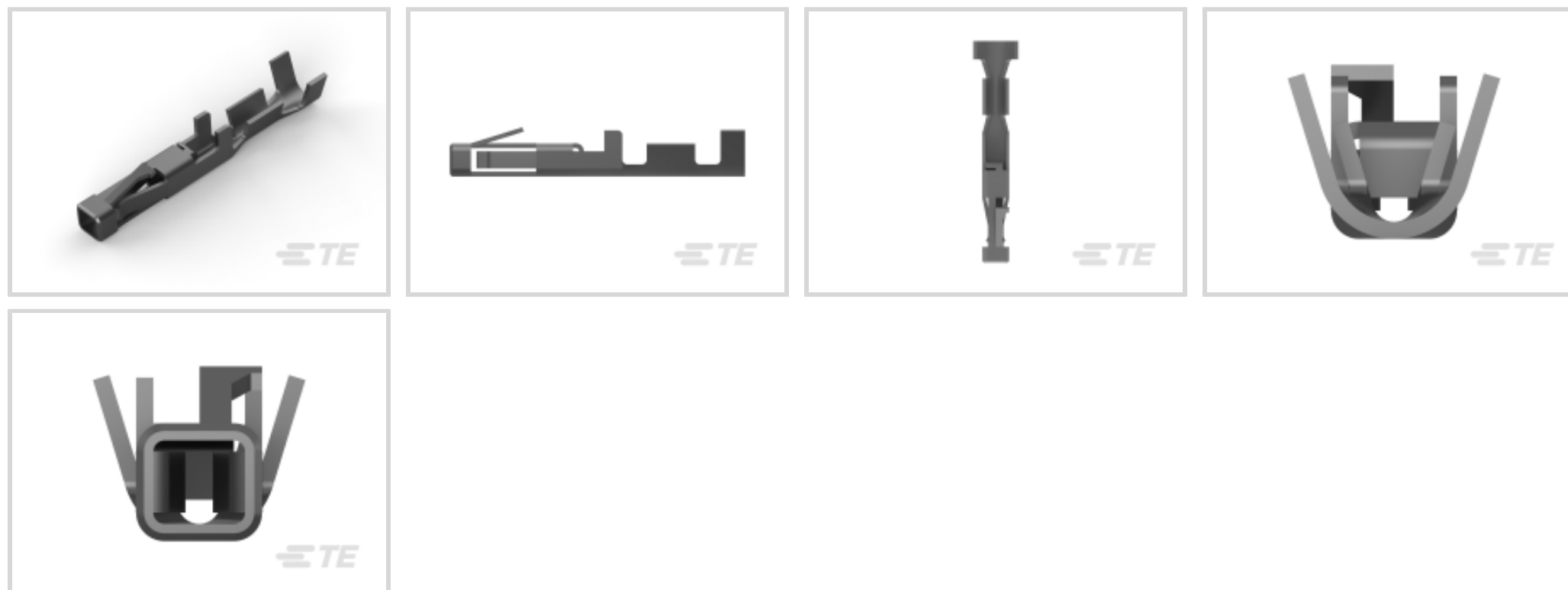
Wire Size, .05 – .13 mm<sup>2</sup> Wire Size, 100 – 254 CMA Wire Size, Micro

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: **Tin**

Wire Size: **30 – 26 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 |
|-------------------|---------|

### 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 Thickness       | 1.5 – 4 µm[59.05 – 157.48 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 |
|------------------------------------|-------|

### Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Crimp Snap-In |
| Wire Insulation Support               | With          |

### Dimensions

|  |                              |
|--|------------------------------|
| Wire Size                              | 100 – 254 CMA                |
| Accepts Wire Insulation Diameter Range | .89 – 1.52 mm[.035 – .06 in] |

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

|                 |     |
|-----------------|-----|
| VDE Tested      | Yes |
| Agency/Standard | VDE |

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Reel |
| Packaging Quantity | 500  |

### Other

|                 |               |
|-----------------|---------------|
| Wire/Cable Type | Discrete Wire |
| Wire Type       | Stranded      |

### 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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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 as: 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

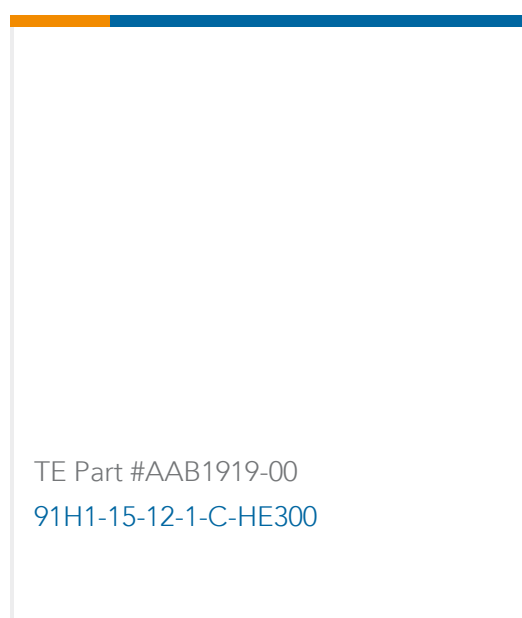
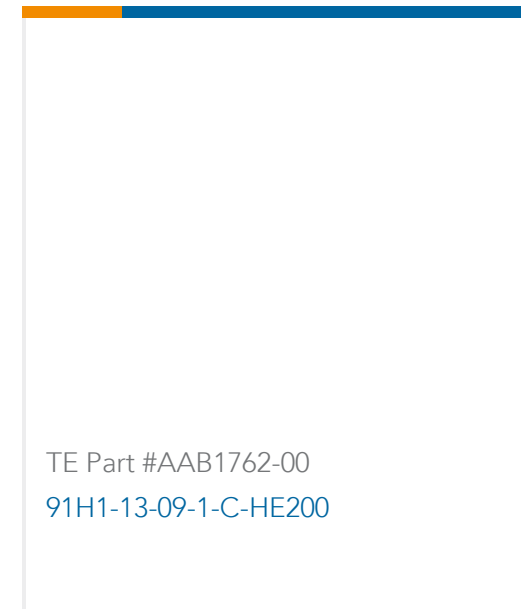
### Also in the Series | Micro MATE-N-LOK

Insertion & Extraction Tools(1)

Power Contacts(26)

Rectangular Power Connectors(712)

### Customers Also Bought



## Documents

### Product Drawings

MICRO MNL RPT CNT,LS PC,TIN

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_794611-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_794611-1\\_D.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_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

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

English

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[Product Specifications](#)

[Application Specification](#)

English

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[Product Environmental Compliance](#)

[MD\\_794611-1\\_120420132251\\_dmtec](#)

English

[MD\\_794611-1\\_120420132251\\_dmtec](#)

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