



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
Sealable	No

### Electrical Characteristics

Operating Voltage	250 VDC
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### Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Underplating Material Thickness	1.27 – 2.54 μm[50 – 100 μin]
Wire Contact Termination Area Plating Thickness	1.27 – 2.54 μm[50 – 100 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
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
Contact Current Rating (Max)	5 A

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

### Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

### Dimensions

Compatible Insulation Diameter Range	.89 – 1.52 mm [.035 – .06 in]
Wire Size	394.71 – 986.76 CMA

### 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 Method	Reel
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)





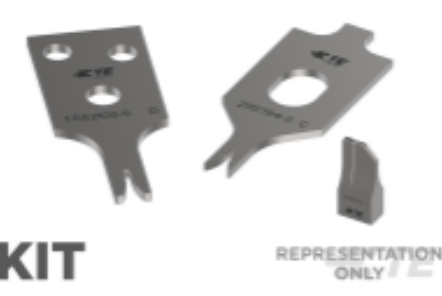
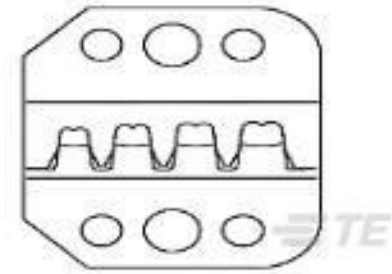






EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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

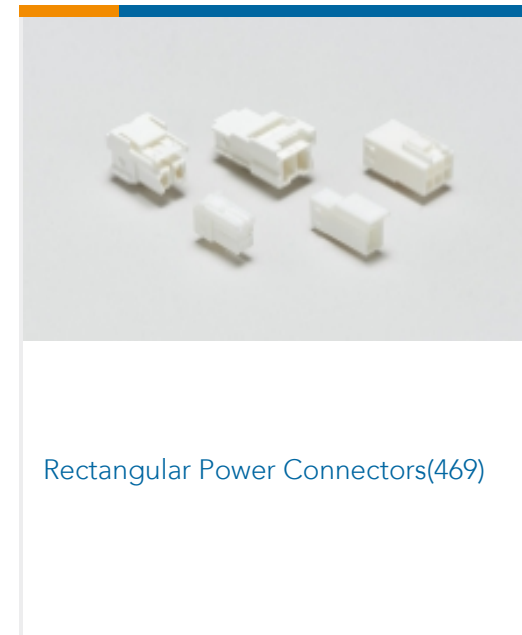
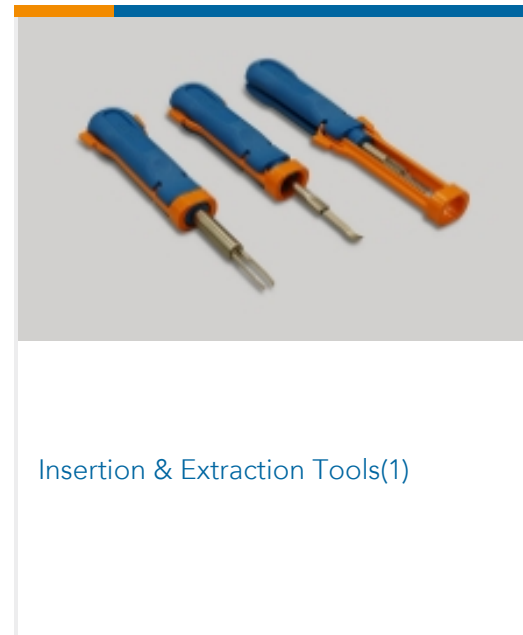
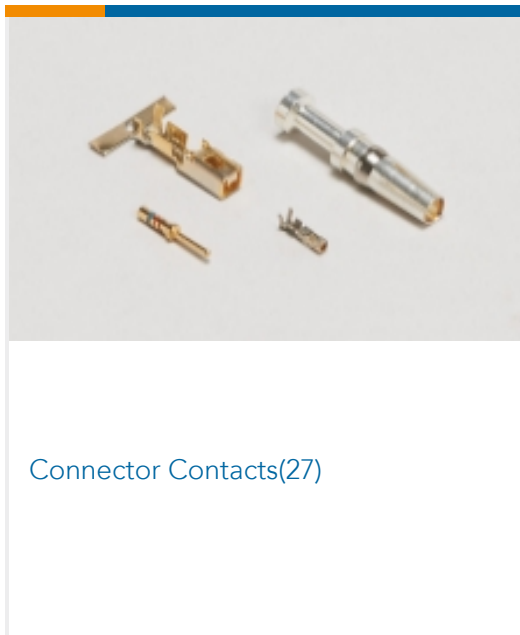
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

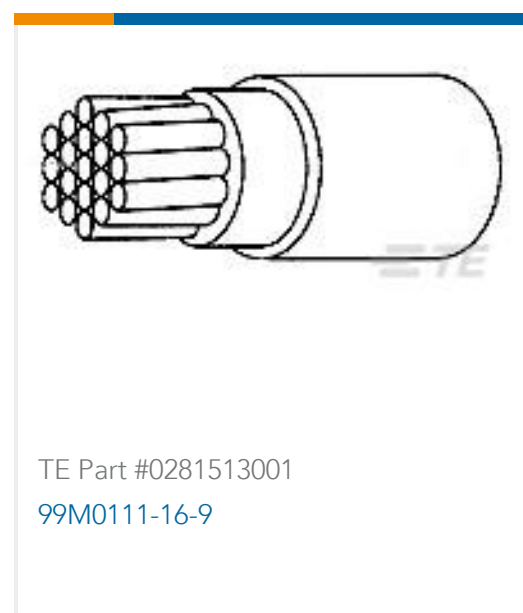
 <p>TE Part # 91501-1 CCII MICRO MNL REC 24-20 ASSY</p>	 <p>Was called: SDE PEW 12 Now renamed to: SDE SA (no other physical changes)</p> <p>TE Part # 91391-1 SDE PEW 12MICRO MNL HAND TOOL</p>	 <p>TE Part # 843996-6 TOOL, EXTRACTION RESET</p>	 <p>TE Part # 2151022-1 OCEAN_2.0_APPLICATOR-S-055F070F</p>
 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2151022-7 OCEAN_2.0_SPARE_PART_KIT-055F070F</p>	 <p>TE Part # 91391-2 SDE COMM MICRO MNL DIE SET</p>	 <p>TE Part # 2151022-2 OCEAN_2.0_APPLICATOR-S-055F070F</p>	 <p>TE Part # 2837550-1 OCEAN_2.0_Applicator-S-050F070F</p>
 <p>TE Part # 2837550-2 OCEAN_2.0_Applicator-S-050F070F</p>	 <p>TE Part # 7-2151022-1 OCEAN_2.0_APPLICATOR-S-055F070F</p>	 <p>TE Part # 7-2151022-2 OCEAN_2.0_APPLICATOR-S-055F070F</p>	 <p>TE Part # 7-2837550-1 OCEAN_2.0_Applicator-S-050F070F</p>



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



## Customers Also Bought





## Documents

### Product Drawings

[MICRO MNL RPT CNT STRIP 15AU](#)

English

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### CAD Files

Customer View Model

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

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_794606-2\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_794606-2\\_K.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