

794606-1 ✓ ACTIVE

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

TE Internal #: 794606-1

Receptacle Contact, Tin, 250 VAC, 250 VDC, Locking Lance Contact Retention, 24 - 20 AWG Wire Size, .204 - .517 mm² Wire Size, Micro MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin**

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]
Wire Contact Termination Area Plating Thickness	1.5 - 4 μm[59.05 - 157.5 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	1.5 - 4 μm[59.05 - 157.48 μin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Barrel Type	Open
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
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	404 - 1022 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 Quantity	15000
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # 91501-1
CCIIII MICRO MNL REC 24-20 ASSY



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

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



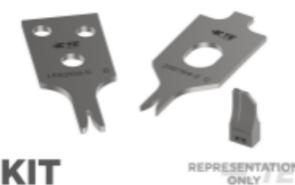
TE Part # 843996-6
TOOL, EXTRACTION RESET



TE Part # CAT-AQ6-HPCI
High-Power Charging CCS1 and CCS2 Inlet Kits

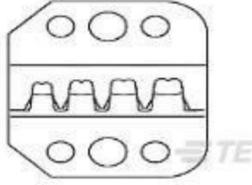


TE Part # 2151022-1
OCEAN_2.0_APPLICATIONATOR-S-055F070F-RSM



KIT REPRESENTATION ONLY

TE Part # 7-2151022-7
OCEAN_2.0_SPARE_PART_KIT-055F070F



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



TE Part # 2151022-2
OCEAN_2.0_APPLICATIONATOR-S-055F070F-RSA



TE Part # 2425486-1
MICRO MNL BLIND MATE HINGED TPA PLUG 6P



TE Part # 2443741-2
COMBO 2,CHARGE INLET KIT 95SQMM, W/O LED



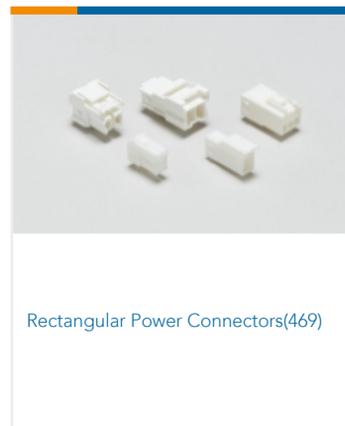
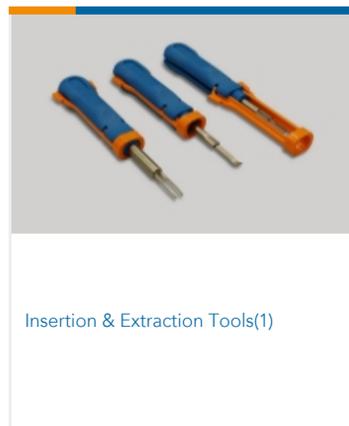
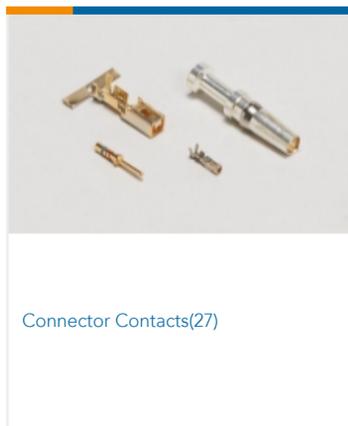
TE Part # 2837550-1
OCEAN_2.0_Applicationator-S-050F070F-RSM



TE Part # 2837550-2
OCEAN_2.0_Applicationator-S-050F070F-RSA



Also in the Series | Micro MATE-N-LOK



Customers Also Bought



Documents

Product Drawings

MICRO MNL RPT CNT STRIP 20-24

English

CAD Files

Customer View Model

ENG_CVM_CVM_794606-1_K.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_794606-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794606-1_K.3d_stp.zip](#)

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