

1-794606-2 ✓ ACTIVE

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

TE Internal #: 1-794606-2

Receptacle Contact, Gold, 250 VAC, 250 VDC, Locking Lance
Contact Retention, 24 - 20 AWG Wire Size, .2 - .5 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
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
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Contact Underplating Material Thickness	1.27 µm[50 µin]
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Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
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Wire Contact Termination Area Plating Material Finish	Bright
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Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
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Contact Mating Area Plating Material Finish	Bright
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Contact Orientation	Straight
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Contact Underplating Material	Nickel
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Contact Type	Receptacle
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Contact Mating Area Plating Material	Gold
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Wire Contact Termination Area Plating Material	Tin
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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	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	.89 - 1.52 mm [.035 - .06 in]
Wire Size	.2 - .5 mm ²

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
CCI 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 12 MICRO MNL HAND TOOL

TE Part # 843996-6
TOOL, EXTRACTION RESET

TE Part # 2151022-1
OCEAN_2.0_APPLICATOR-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_APPLICATOR-S-055F070F-RSA

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

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

KIT
REPRESENTATION ONLY

TE Part # 7-2837550-7
OCEAN_2.0_SPARE_PART_KIT-050F070F

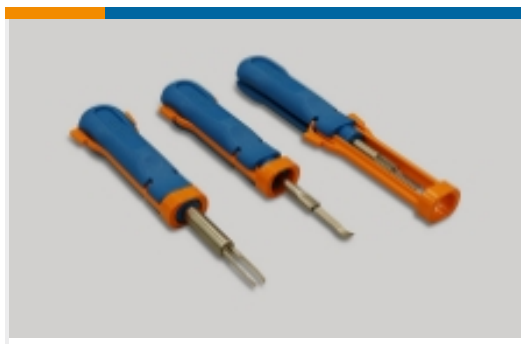
TE Part # 7-2837550-1
OCEAN_2.0_APPLICATOR-S-050F070F

TE Part # 7-2837550-2
OCEAN_2.0_APPLICATOR-S-050F070F

Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



Insertion & Extraction Tools(1)



Rectangular Power Connectors(469)

Customers Also Bought



TE Part # 3-644043-5
05P MTA100 CONN ASSY LF



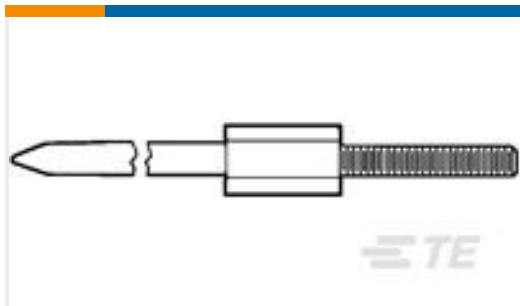
TE Part # 6609047-6
20VT6 J0=F7815



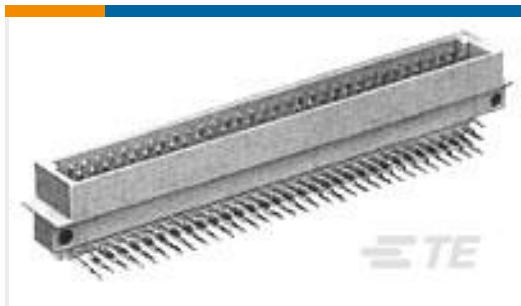
TE Part # 5-794629-4
24P MICRO MNL ASSY,R/A,SMT,LF



TE Part # 170360-3
MINI UNIVERSAL M-N-L PIN



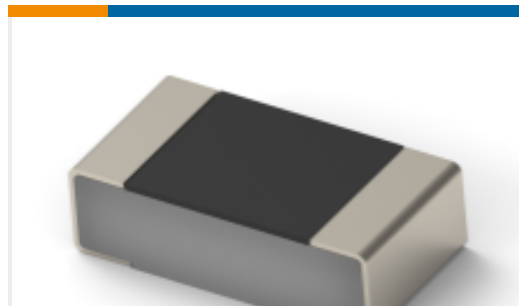
TE Part # 533082-4
HDI KEYING POWER PIN PLTD



TE Part # 106276-4
32P.IEC-C/2 M.CONN.



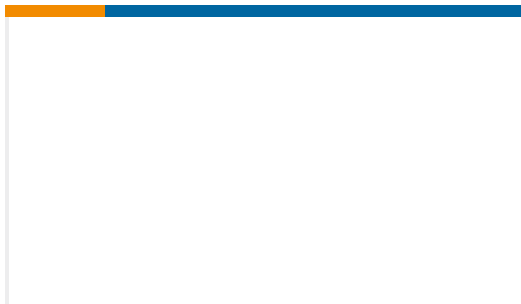
TE Part # 1-2176249-8
TJT 300W 680R 5%



TE Part # 2176467-8
TLRP 1206 1.0W R040 1% 50PPM 5K RL



TE Part # 1-1571987-9
A201J61ZQ0004=DBL POLE,ROCKER



TE Part # 104070-E
ERMEZT ADH A/B * 1 067 ***
ABDECKHAUBE

Documents

Product Drawings

MICRO MNL RPT CNT STRP 30AU LF

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-794606-2_K.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-794606-2_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794606-2_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