

1-794606-2 ✓ ACTIVE

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

TE Internal #: 1-794606-2

Gold (Au), Receptacle Contact, 24 – 20 AWG, 250 VAC, 250 VDC, .2
– .5 mm² Wire, Locking Lance Contact Retention, Crimp, Micro
MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold (Au)**

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

Contact Type	Receptacle
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Contact Mating Area Plating Material	Gold (Au)
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Wire Contact Termination Area Plating Material	Tin
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Contact Retention Within Housing	With
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Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	5 A
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Mating Square Post Dimension	.64 mm [.025 in]
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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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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 Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

Dimensions

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

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>](#)

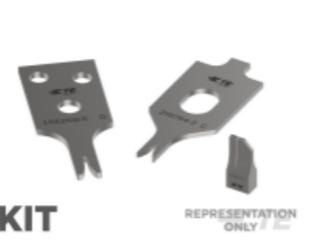
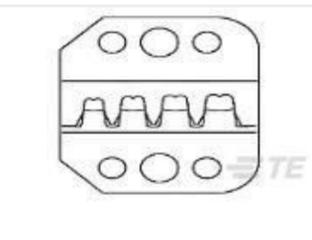
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F < 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>

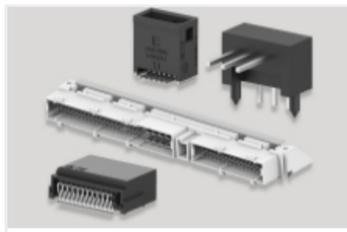
Compatible Parts

 <p>TE Part # 2837550-2 OCEAN_2.0_Applicator-S-050F070F-RSA</p>	 <p>TE Part # 2151022-2 OCEAN_2.0_APPLICATION-S-055F070F-RSA</p>	 <p>TE Part # 7-2837550-7 OCEAN_2.0_SPARE_PART_KIT-050F070F</p>	 <p>TE Part # 2837550-1 OCEAN_2.0_Applicator-S-050F070F-RSM</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 # 91501-1 CCII MICRO MNL REC 24-20 ASSY</p>	 <p>TE Part # 2151022-1 OCEAN_2.0_APPLICATION-S-055F070F-RSM</p>
 <p>TE Part # 91391-2 SDE COMM MICRO MNL DIE SET</p>	 <p>TE Part # 7-2151022-7 OCEAN_2.0_SPARE_PART_KIT-055F070F</p>		

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



Connector Contacts(27)



PCB Headers & Receptacles(371)



Power Contacts(27)



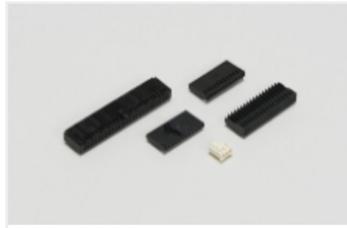
Rectangular Connector Housings(98)



Rectangular Power Connectors(469)



Standard Rectangular Connectors(98)



Wire-to-Board Connector Assemblies & Housings(27)

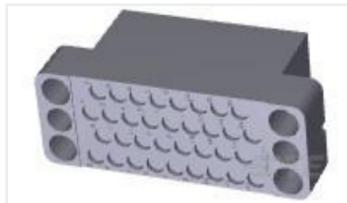
Customers Also Bought



TE Part #650099-000
D-436-76



TE Part #5-103414-7
09 MODII HDR SRST SHRD LF



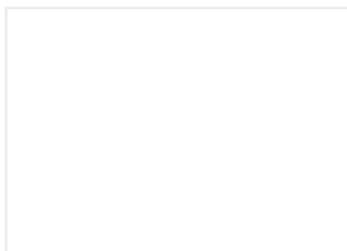
TE Part #213799-1
M-SERIES PLUG HOUSING,34 POS



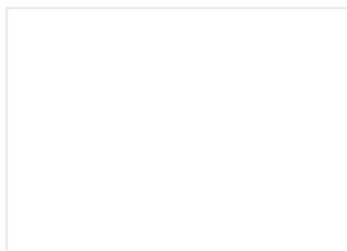
TE Part #350790-3
03P UMNL PIN HDR ASSY 94VO LF



TE Part #1-1617748-6
FCA-125-10=M6106/19-010



TE Part #ET0835-000
202D253-52-00/144-N(B5)



TE Part #193808-000
202A185-52/144-N(B5)



TE Part #277874-000
222A142-52/144-N(B5)



TE Part #E30504-000
222A152-52/144-N(B5)



TE Part #1-1617031-0
HFW1201K14 = HFW 1/2 SIZE RELA

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

Agency Approvals

[UL Report](#)

English