

1-794608-0 ✓ ACTIVE

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

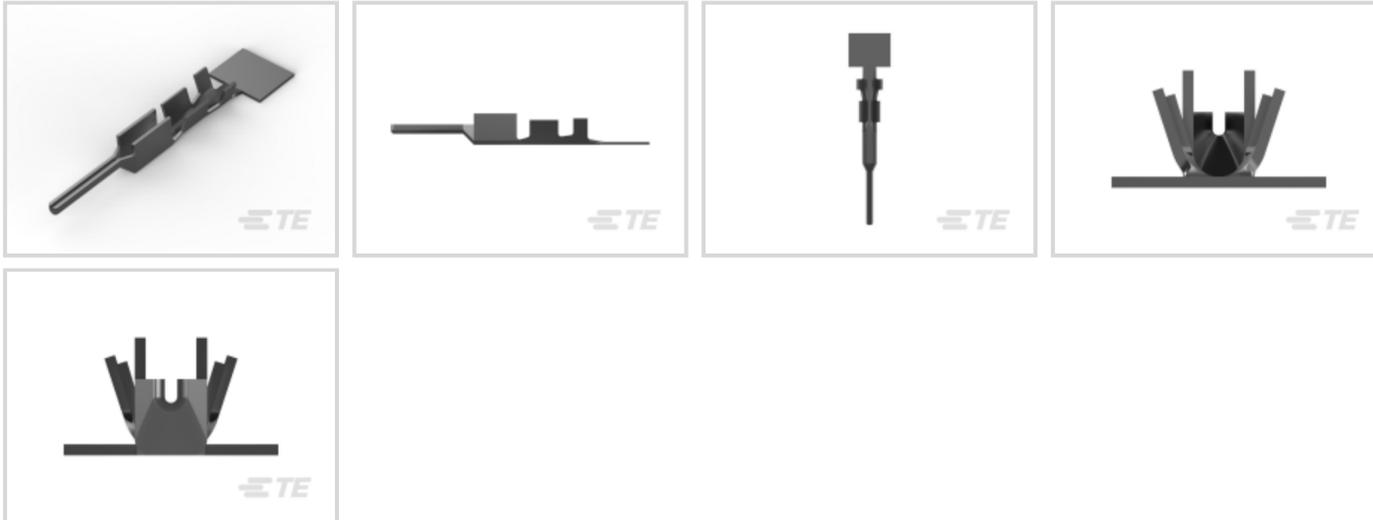
TE Internal #: 1-794608-0

Tin (Sn), Pin Contact, 24 – 20 AWG, 250 VAC, 250 VDC, .2 – .5 mm²
Wire, Locking Lance Contact Retention, Crimp, Brass, Power, Micro
MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
--------------------	----------

Electrical Characteristics

Operating Voltage	250 VDC
-------------------	---------

Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	5 A
Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright



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]
-----------------------------	----------------------------

Operation/Application

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

Industry Standards

Compatible With Agency/Standards Products	VDE
---	-----

Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Product Compliance

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

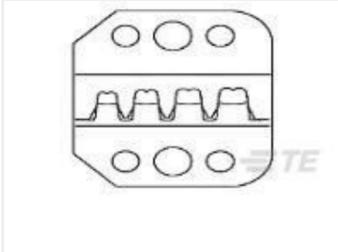
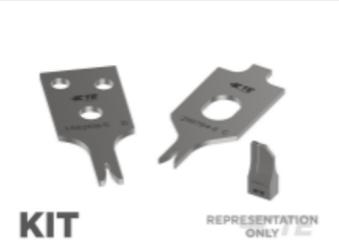
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 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>

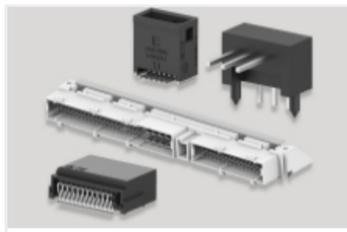
Compatible Parts

 <p>TE Part # 5-2151616-2 OCEAN_2.0_APPLICATOR-S-055F070F-RSA</p>	 <p>TE Part # 1586344-1 MICRO MATE-N-LOK EXTRACTION TOOL</p>	 <p>TE Part # 91391-2 SDE COMM MICRO MNL DIE SET</p>	 <p>TE Part # 2151616-2 OCEAN_2.0_APPLICATOR-S-055F070F-RSA</p>
 <p>TE Part # 7-2151616-7 OCEAN_2.0_SPARE_PART_KIT-055F070F</p>	 <p>TE Part # 2425487-1 MICRO MNL BLIND MATE HINGED TPA CAP 6P</p>	 <p>TE Part # 5-2151616-1 OCEAN_2.0_APPLICATOR-S-055F070F-RSM</p>	 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>
 <p>TE Part # 2151616-1 OCEAN_2.0_APPLICATOR-S-055F070F-RSM</p>	 <p>TE Part # 91391-1 SDE PEW 12 MICRO MNL HAND TOOL</p>	 <p>TE Part # 91501-1 CCII MICRO MNL REC 24-20 ASSY</p>	

Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



PCB Headers & Receptacles(371)



Power Contacts(27)



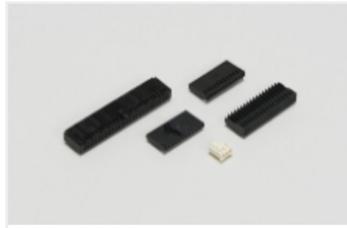
Rectangular Connector Housings(98)



Rectangular Power Connectors(469)



Standard Rectangular Connectors(98)



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

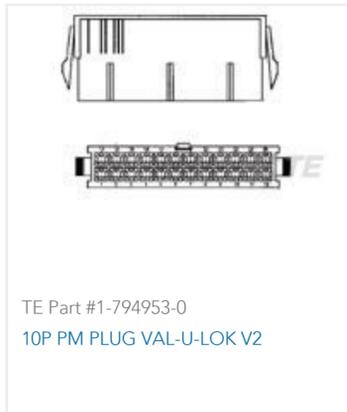
Customers Also Bought



TE Part #24264H10B5PN
HERM RECP



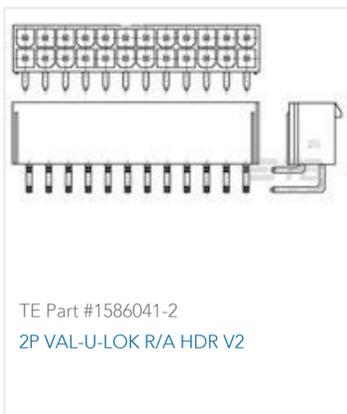
TE Part #794115-8
08P SL156 HSG W/LR,W/O#2



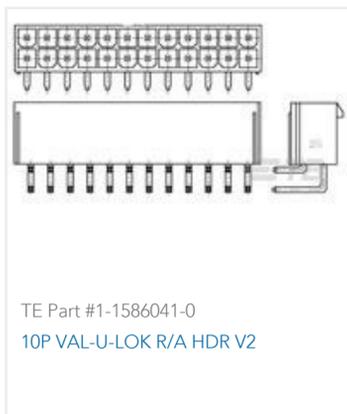
TE Part #1-794953-0
10P PM PLUG VAL-U-LOK V2



TE Part #1445022-2
MICRO MNL RECEPT HSG SINGLE R



TE Part #1586041-2
2P VAL-U-LOK R/A HDR V2



TE Part #1-1586041-0
10P VAL-U-LOK R/A HDR V2



TE Part #9-2176421-5
TLRP 2512 2.0W R120 1% 75PPM 4K RL



TE Part #2386230-1
LEVER,48POS,MCON 1.2



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



TE Part #2425487-1
MICRO MNL BLIND MATE HINGED
TPA CAP 6P

Documents



Product Drawings

PIN CONT 20-24 TIN PLATE STRIP

English

CAD Files

Customer View Model

[ENG_CVM_1-794608-0_D1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-794608-0_D1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-794608-0_D1.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-794608-0_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794608-0_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794608-0_F.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