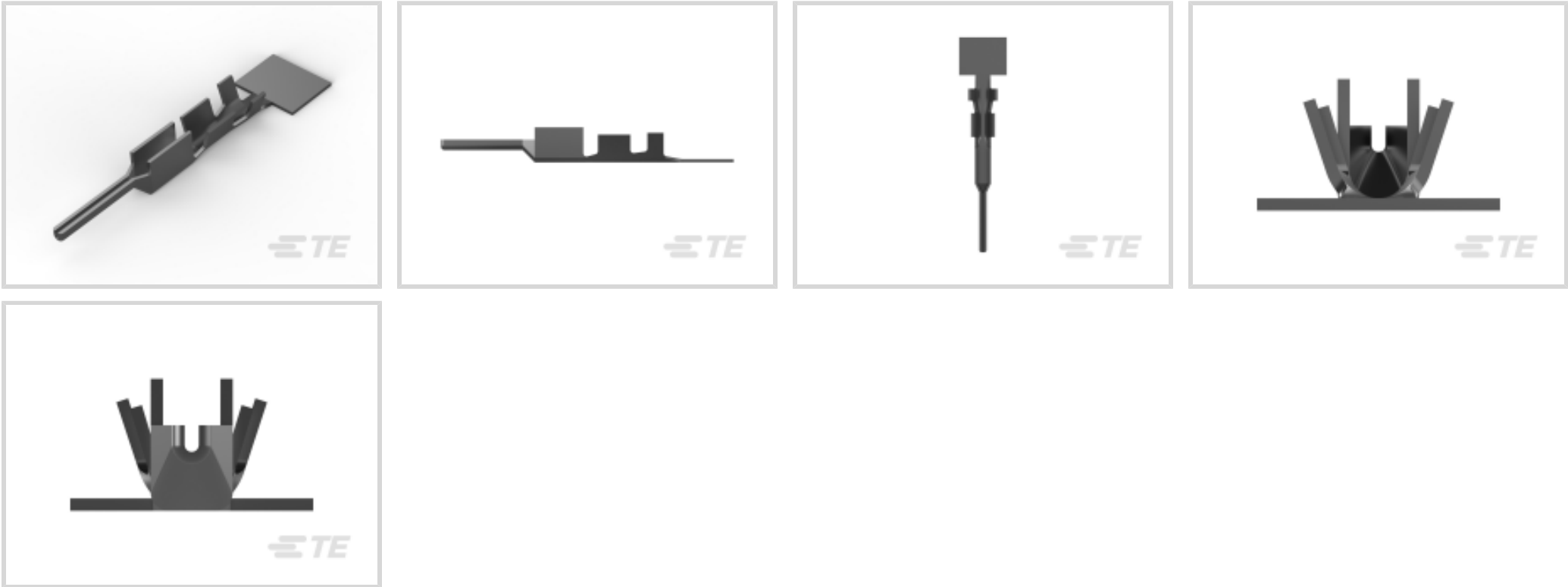




Connectors > Contacts > Connector Contacts



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
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
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

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 mm²

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	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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 5-2151616-1 OCEAN_2.0_APPLICATOR-S-055F070F-RSM	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 2151616-2 OCEAN_2.0_APPLICATOR-S-055F070F-RSA	TE Part # 2425487-1 MICRO MNL BLIND MATE HINGED TPA CAP 6P
TE Part # 7-2151616-7 OCEAN_2.0_SPARE_PART_KIT-055F070F	TE Part # 2151616-1 OCEAN_2.0_APPLICATOR-S-055F070F-RSM	TE Part # 91391-1 SDE PEW 12MICRO MNL HAND TOOL	TE Part # 91501-1 CCII MICRO MNL REC 24-20 ASSY
TE Part # 5-2151616-2 OCEAN_2.0_APPLICATOR-S-055F070F-RSA	TE Part # 1586344-1 MICRO MATENLOK EXTRACTION TOOL	TE Part # 91391-2 SDE COMM MICRO MNL DIE SET	

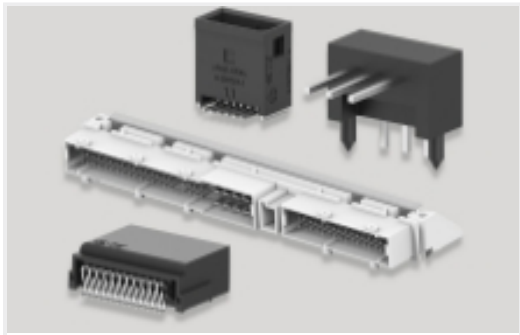
Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(371)



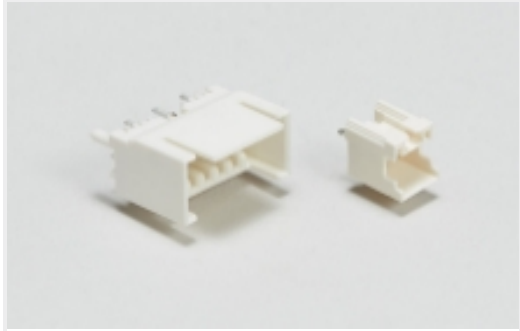
Power Contacts(27)



Rectangular Connector Housings(98)



Rectangular Power Connectors(469)



Wire-to-Board Headers & Receptacles (371)

Customers Also Bought



TE Part #794607-1
MICRO MNL RPT CNT STRIP 26-30



TE Part #794615-8
PANEL MT DBL ROW HSG 8 POS



TE Part #1-1534796-2
AMP DUOPLUG MK2 CONNECTOR 2P



TE Part #456422-2
CRIMPER WIRE .110 F



TE Part #1-2217206-4
Blade, Slug



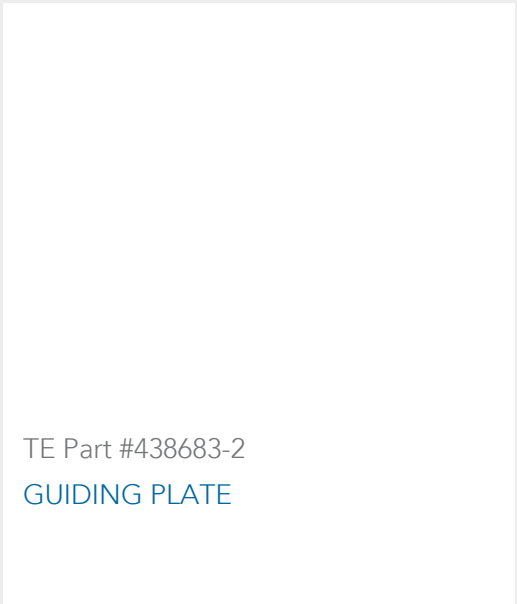
TE Part #2-1445050-8
MICRO MNL HDR ASSY S/ROW LF



TE Part #964112-2
BUCHSENKONTAKT



TE Part #HKA425N00480100000
723 htec extension, speedtec



TE Part #438683-2
GUIDING PLATE



TE Part #2217339-1
KIT, AIR FEED, CE, G II

Documents



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