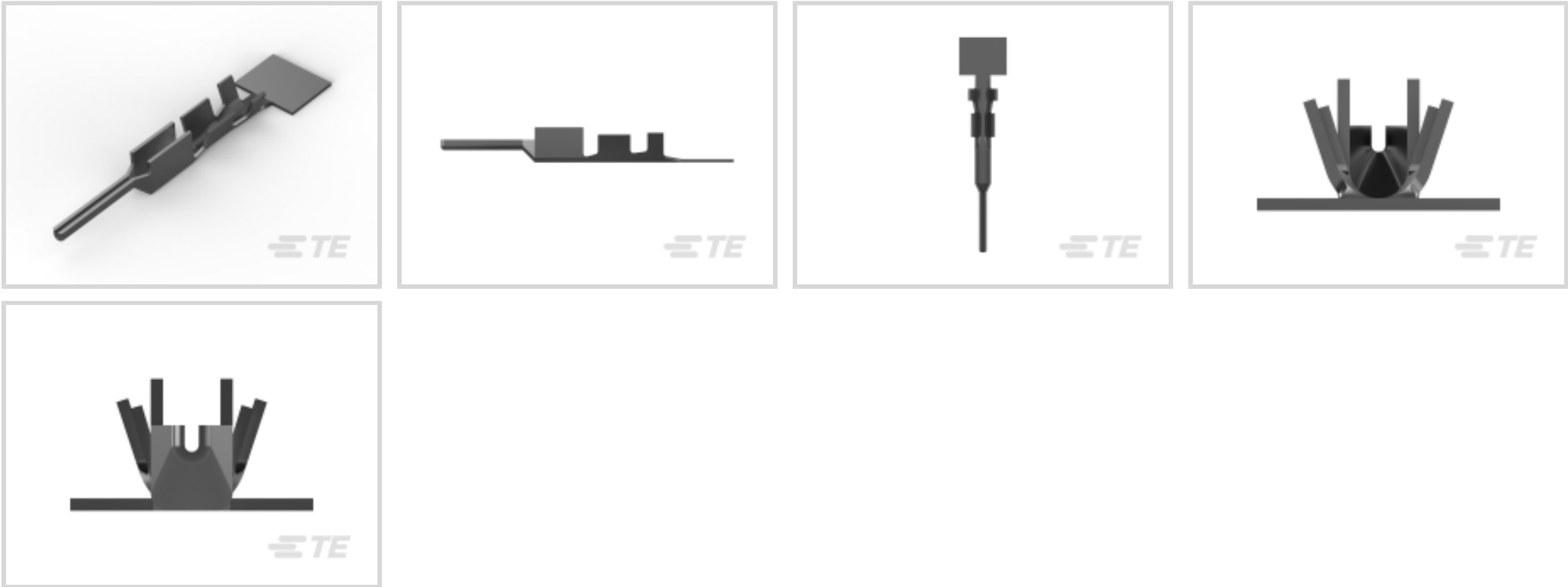




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **250 VDC**

Features

Industry Standards

Compatible With Agency/Standards Products	VDE
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Product Type Features

Discrete Wire Type	Stranded
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Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Dimensions

Compatible Insulation Diameter Range	.89 – 1.52 mm[.035 – .06 in]
Wire Size	.2 – .5 mm²

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Underplating Material	Nickel
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Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Mating Square Post Dimension	.64 mm[.025 in]
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
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	5 A

Electrical Characteristics

Operating Voltage	250 VDC
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Termination Features

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

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	TE Part # 91391-1 SDE PEW 12 MICRO MNL HAND TOOL	TE Part # 2425487-1 MICRO MNL BLIND MATE HINGED TPA CAP 6P	TE Part # 2151616-1 OCEAN_2.0_APPLICATOR-S-055F070F-RSM
TE Part # 91391-2 SDE COMM MICRO MNL DIE SET	TE Part # 1586344-1 MICRO MATENLOK EXTRACTION TOOL	TE Part # 2151616-2 OCEAN_2.0_APPLICATOR-S-055F070F-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
TE Part # 5-2151616-1 OCEAN_2.0_APPLICATOR-S-055F070F-RSM	TE Part # 5-2151616-2 OCEAN_2.0_APPLICATOR-S-055F070F-RSA	TE Part # 7-2151616-7 OCEAN_2.0_SPARE_PART_KIT-055F070F	

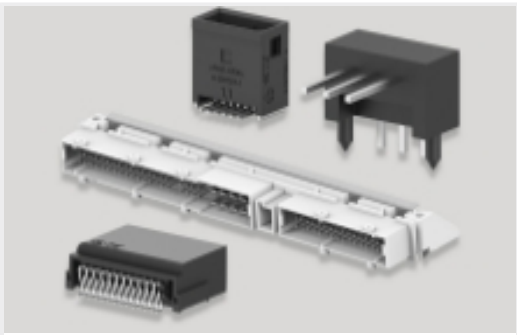
Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(371)



Rectangular Power Connectors(98)

Customers Also Bought



TE Part #8-34145-1
PG R 22-16 COMM 22-18 MIL 8



TE Part #1-2350224-3
SGI 2.0 Plug Housing, 3 Position, Key A



TE Part #2357686-3
SGI 2.0 Crimp TPA



TE Part #456422-2
CRIMPER WIRE .110 F



TE Part #5-177907-1
POWER DBL LOCK CAP P/M 3P(GWT)



TE Part #2-1740533-2
AMP DUOPLUG POW CONNECTOR



TE Part #1744544-3
EP II TPA 03P, BLACK



TE Part #1-2217206-4
Blade, Slug



TE Part #1599107-1
CLUSTER TERMINAL REC,.090 DIA

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