



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 Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 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 Type	Receptacle
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
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 – 1.27 mm[.035 – .05 in]
Wire Size	.05 – .14 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	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 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 # 843996-6
TOOL, EXTRACTION RESET

TE Part # 91391-1
SDE PEW 12MICRO MNL HAND TOOL

TE Part # 2151142-2
OCEAN_2.0_APPLICATOR-S-042F070F-RSA

TE Part # 2151142-1
OCEAN_2.0_APPLICATOR-S-042F070F-RSM

TE Part # 7-2151142-7
OCEAN_2.0_SPARE_PART_KIT-042F070F

TE Part # 91391-2
SDE COMM MICRO MNL DIE SET

TE Part # 91502-1
CCII MICRO MNL REC 30-26 ASSY

Also in the Series | Micro MATE-N-LOK

Connector Contacts(27)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(371)

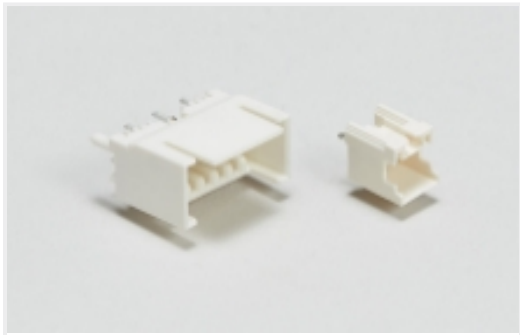
Power Contacts(27)



[Rectangular Connector Housings\(98\)](#)



[Rectangular Power Connectors\(469\)](#)

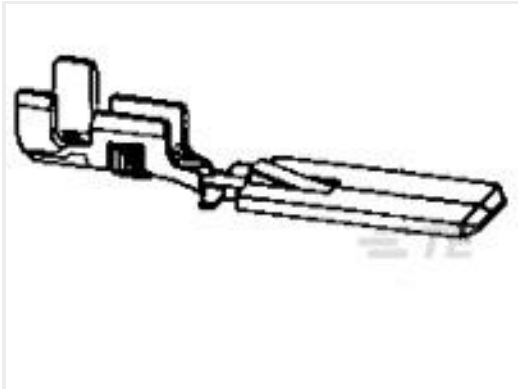


[Wire-to-Board Headers & Receptacles \(371\)](#)

Customers Also Bought



TE Part #5-147731-1
[03 MODIV VRT SR SFMNT SN](#)



TE Part #160174-2
[FF 110 TAB 22-20AWG TPBR](#)



TE Part #7-2266219-7
[OCEAN_2.0_SPARE_PART_KIT-046F058F](#)



TE Part #L9000126-01
[Antenna FPC Sub-6 LTE/5G 1.13 100 UFL](#)



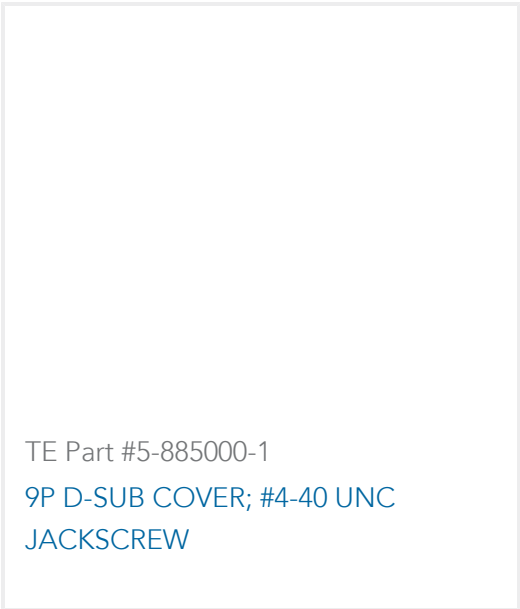
TE Part #2-1379700-1
[4W TH HEADER ASSY BLACK](#)



TE Part #802432-SF
[FN2030-10-06](#)



TE Part #10210013-00
[RTD,EMB,C,P1000,385,.12%,.12D](#)



TE Part #5-885000-1
[9P D-SUB COVER; #4-40 UNC JACKSCREW](#)



TE Part #1337711-1
[7.54MM CSA BRAID M5 - M5 100MM](#)



TE Part #3-1379602-1
[40W TH HEADER ASSY BLACK](#)

Documents

Product Drawings

[MICRO MNL RPT CNT STRP 30AU LF](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-794607-2_F.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_1-794607-2_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-794607-2_F.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-794607-2_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794607-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-794607-2_J.3d_stp.zip](#)

English

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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](#)

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