



Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**
Contact Mating Area Plating Material: **Gold**
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

Mating Square Post Dimension	.64 mm[.025 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold
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 - 1.52 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	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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free

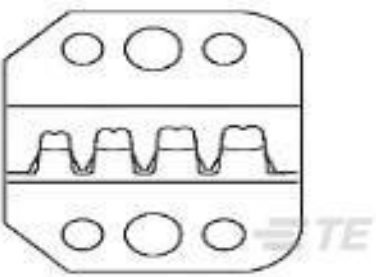
Solder Process Capability

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 # 843996-6 TOOL, EXTRACTION RESET	 TE Part # 2151022-1 OCEAN_2.0_APPLICATOR-S-055F070F-RSM	 TE Part # 91391-1 SDE PEW 12MICRO MNL HAND TOOL
 TE Part # 7-2151022-7 OCEAN_2.0_SPARE_PART_KIT-055F070F	 TE Part # 91391-2 SDE COMM MICRO MNL DIE SET	 TE Part # 2151022-2 OCEAN_2.0_APPLICATOR-S-055F070F-RSA	 TE Part # 2837550-1 OCEAN_2.0_Applicator-S-050F070F-RSM
 TE Part # 2837550-2 OCEAN_2.0_Applicator-S-050F070F-RSA	 TE Part # 7-2837550-7 OCEAN_2.0_SPARE_PART_KIT-050F070F	 TE Part # 7-2837550-1 OCEAN_2.0_Applicator-S-050F070F	 TE Part # 7-2837550-2 OCEAN_2.0_Applicator-S-050F070F

Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(371)



Rectangular Power Connectors(98)

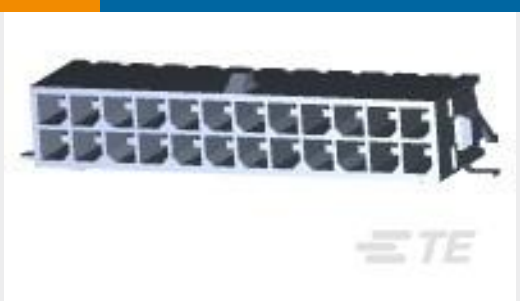
Customers Also Bought



TE Part # 3-644043-5
05P MTA100 CONN ASSY LF



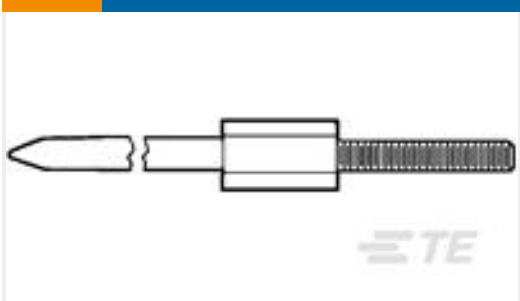
TE Part # 6609047-6
20VT6 J0=F7815



TE Part # 5-794629-4
24P MICRO MNL ASSY,R/A,SMT,LF



TE Part # 170360-3
MINI UNIVERSAL M-N-L PIN



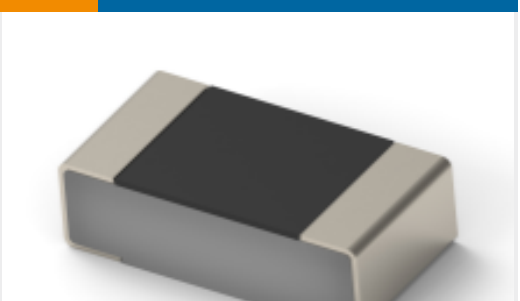
TE Part # 533082-4
HDI KEYING POWER PIN PLTD



TE Part # 106276-4
32P.IEC-C/2 M.CONN.



TE Part # 1-2176249-8
TJT 300W 680R 5%



TE Part # 2176467-8
TLRP 1206 1.0W R040 1% 50PPM 5K RL



TE Part # 1-1571987-9
A201J61ZQ0004=DBL POLE,ROCKER



TE Part # 104070-E
ERMEZT ADH A/B * 1 067 ***
ABDECKHAUBE

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

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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