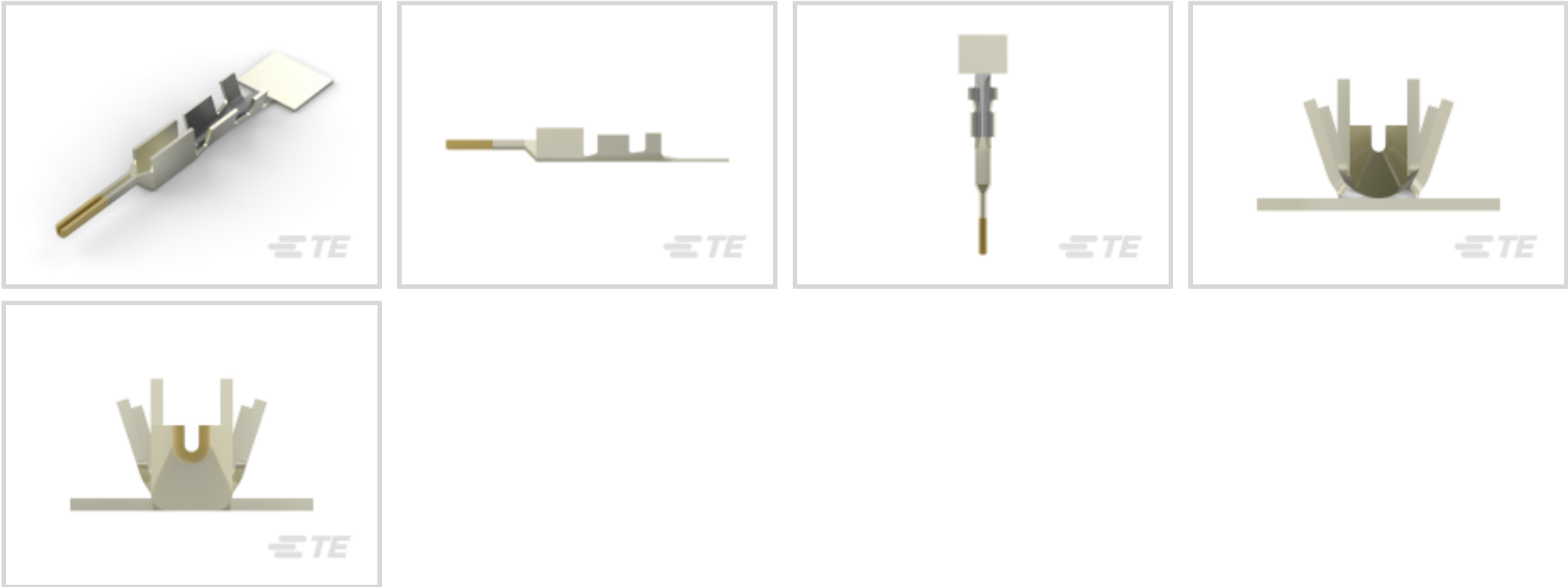




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **250 VDC**
Contact Mating Area Plating Material: **Gold**
Wire Size: **24 – 20 AWG**

Features

Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	5 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Square Post Dimension	.64 mm[.025 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 – 30 µin]
Wire Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material	Tin



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
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without

Dimensions

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

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

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded

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	Not Yet Reviewed
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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 TE Model / Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Model / Part # 91501-1 CERTICRIMP 24-20 MICRO MNL	 TE Model / Part # 2151616-1 OCEAN_2.0_APPLICATOR-S-055F070F	 TE Model / Part # 91391-2 SDE COMM MICRO MNL DIE SET
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Was called:
SDE PEW 12

Now renamed to:
SDE SA
(no other physical changes)

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



TE Model / Part # 2-2151516-2
OCEAN_2.0_APPLICATOR-S-055FA



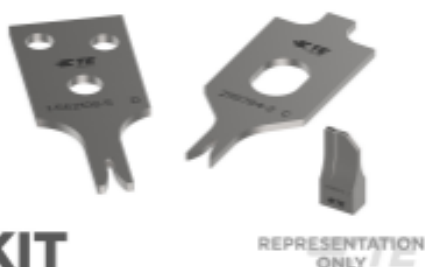
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OCEAN_2.0_APPLICATOR-S-055F070F



TE Model / Part # 2-2151616-2
OCEAN_2.0_APPLICATOR-S-055F070F



TE Model / Part # 2151616-2
OCEAN_2.0_APPLICATOR-S-055F070F



KIT


REPRESENTATION ONLY

TE Model / Part # 7-2151616-7
OCEAN_2.0_SPARE_PART_KIT-055F070F




TE Model / Part # 91501-3
CC II HEAD ASSY 24-20 MIC MNL

Also in the Series | Micro MATE-N-LOK



Connector Contacts(1)



Power Contacts(26)



Rectangular Power Connectors(712)

Customers Also Bought



TE Model / Part #1-794616-0
FREE HANG DBL ROW HSG 10 POS



TE Model / Part #1445049-4
FREE HANG SNGL ROW HSG 4 POS



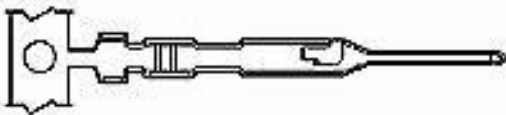
TE Model / Part #794616-4
FREE HANG DBL ROW HSG 4 POS




TE Model / Part #350536-7
UMNL SOK 20-14 .0126 AUNI/BR



TE Model / Part #66683-2
20 DF SCKT CONT



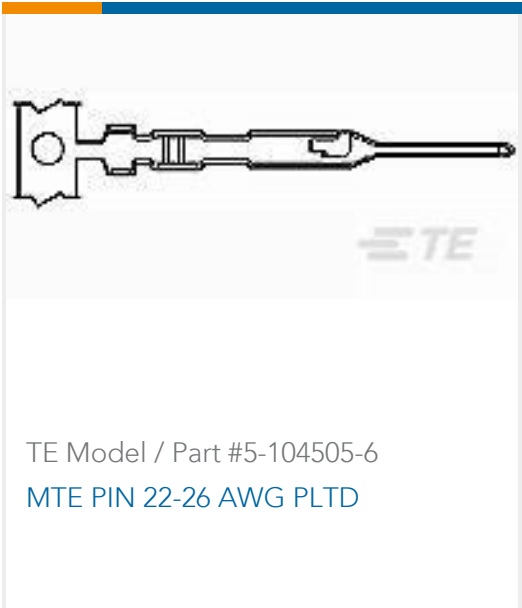
TE Model / Part #5-104505-4
MTE PIN 22-26 AWG PLTD



TE Model / Part #1-104480-3
SHORT POINT CONT 30 DPLX STMPD LF



TE Model / Part #1-794607-2
MICRO MNL RPT CNT STRP 30AU LF



Documents

Product Drawings

PIN CONT 20-24 30 GOLD STRIP

English

CAD Files

Customer View Model

ENG_CVM_1-794608-2_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_1-794608-2_D1.3d_stp.zip

English

Customer View Model

ENG_CVM_1-794608-2_D1.2d_dxf.zip

English

3D PDF

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

1773458-4_MICRO_MATE_N_LOK_CONNECTOR_SYSTEM_ORG

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1-794608-2_07182018531_dmtec

English

MD_1-794608-2_07182018531_dmtec

English

Agency Approvals

VDE Certificate



English