



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Silver**

Wire Size: **10 AWG**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	32 A
Contact Type	Socket
Contact Retention Within Housing	Without
Mating Pin Diameter	1.98 mm[.078 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	5.08 μm[200 μin]
Wire Contact Termination Area Plating Material Thickness	5.08 μm[200 μin]
Wire Contact Termination Area Plating Material	Silver
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.02 μm[40 μin]

Termination Features



Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Wire Insulation Support	Without
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Dimensions

Wire Size	5.26 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

CSA Rating	Certified
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Glow Wire Rating	Standard Part - Not Glow Wire
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VDE Tested	Yes
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Agency/Standard	CSA, UL
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CSA File Number	LR 16455
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UL Rating	Recognized
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UL File Number	E28476
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Packaging Features

Packaging Method	Bag
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Packaging Quantity	100
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Other

Wire/Cable Type	Discrete Wire
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Wire Type	Stranded
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For Use With	Mates with 194210-1
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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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)
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 770028-1
09P UMNLI IN-LINE CAP HSG KIT



TE Model / Part # 770029-1
12P UMNLI IN-LINE CAP HSG KIT



TE Model / Part # 770030-1
15P UMNLI IN-LINE CAP HSG KIT



TE Model / Part # 770022-1
12P UMNLI IN-LINE PLUG HSG KIT




TE Model / Part # 770021-1
09P UMNLI IN-LNE PLUG HSG KIT



TE Model / Part # 770026-1
04P UMNLI IN-LINE CAP HSG KIT



TE Model / Part # 770025-1
03P UMNLI IN-LINE CAP HSG KIT



TE Model / Part # 770023-1
15P UMNLI IN-LNE PLUG HSG KIT



TE Model / Part # 770018-1
03P UMNLI IN-LNE PLUG HSG KIT



TE Model / Part # 770019-1
04P UMNLI IN-LNE PLUG HSG KIT



TE Model / Part # 770027-1
06P UMNLI IN-LINE CAP HSG KIT




TE Model / Part # 770020-1
06P UMNLI IN-LNE PLUG HSG KIT



TE Model / Part # 770017-1
02P UMNLI IN-LNE PLUG HSG KIT



TE Model / Part # 770024-1
02P UMNLI IN-LINE CAP HSG KIT



TE Model / Part # 356114-1
CRIMPING TOOL M310



TE Model / Part # 770016-1
05P UMNLI IN-LNE PLUG HSG KIT



TE Model / Part # 194261-1
3VPM LUB. M-N-L

Customers Also Bought



TE Model / Part #3-6450130-9
MBXL R/A HDR 3ACP+16S+2P



TE Model / Part #499345-9
040 UNIV HDR RA 4S 30DP STD L2



TE Model / Part #172653-4
DRAWER CONN MALE HSG ASSY 24P



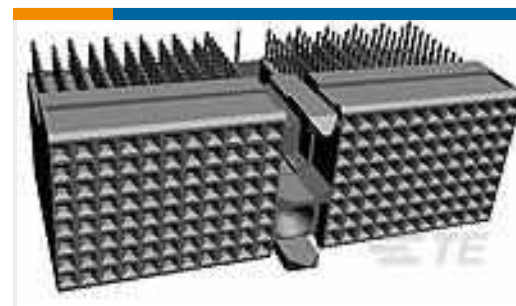
TE Model / Part #104966-1
16 MTE HDR SRST LATCH .100CL



TE Model / Part #147321-3
17 MTE VER HDR SR S.LOAD W/RET



TE Model / Part #4-6450130-3
MBXL R/A HDR 3ACP+16S+2P



TE Model / Part #5646442-9
2MMHM,ASY,T-D,REC,TWIST TULIP



TE Model / Part #87527-4
04 MODII HDR SRST UNSHRD .100



TE Model / Part #3-1440002-1
OZ-SS-148L,200

Documents

Product Drawings

[SKT,MNL,#10, LUBRICATED](#)

English

CAD Files

Customer View Model

[ENG_CVM_194211-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_194211-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_194211-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Product Specifications

[Application Specification](#)

English