

SKT ASSY., 2MM, 12-14 AWG

✓ ACTIVE

ELCON

TE Part # 193842-1

TE Internal #: 193842-1

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Connectors > Power Connectors > Power Contacts



Product Type: **Contact**
Operating Voltage: **600 VDC**
Wire Size: **2.08 – 3.31 mm²**

Features

Product Type Features

Product 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 Current Rating (Max)	32 A
Contact Type	Socket
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Silver
Contact Mating Area Plating Thickness	5.08 µm[200 µin]
Contact Termination Area Plating Material	Silver
Contact Termination Area Plating Thickness	5 µm[200 µin]
Wire Contact Termination Area Plating Material	Silver
Crimp Area Plating Finish	Silver
Crimp Area Plating Thickness	5 µm[200 µin]
Contact Angle	Straight



Contact Underplating Material	Nickel
Underplate Material Thickness	1.02 µm[40 µin]

Termination Features

Termination Type	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Contact Retention in Housing	Without
Wire Insulation Support	Without
Mount Type	Crimp

Dimensions

Wire Size	3831 – 6529 CMA
Mating Pin Diameter	1.98 mm[.078 in]

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Mates with 193841-1



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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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

Insertion & Extraction Tools
(1)

Portable Crimp Tools(2)

Rectangular Power
Connectors(15)

Customers Also Bought

SKT ASSY., 2MM, 12-14 AWG

TE Part # 193842-1
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TE Part #1658643-1 HDP-20,RCPT,SIZE 1, 9 POSN,CLI	TE Part #770019-1 04P UMNLI IN-LNE PLUG HSG KIT	TE Part #193841-1 PIN, 2MM, 12-14 AWG	TE Part #770018-1 03P UMNLI IN-LNE PLUG HSG KIT
TE Part #193796-1 PIN CONTACT - 2MM, 10AWG	TE Part #770017-1 02P UMNLI IN-LNE PLUG HSG KIT	TE Part #193797-1 SKT ASSY - 2MM, 10 AWG	TE Part #3-520997-2 ULTRA-FAST 187 ASY REC 16-14 AWG TPBR
TE Part #63609-2 FASTON 250 RECEPTACLE 22-18 AWG TPBR	TE Part #1217094-1 RCPT 250 POS-LOCK 18- 14 0126BR		

Documents

Product Drawings

SKT ASSY., 2MM, 12-14 AWG

English

CAD Files

Customer View Model

ENG_CVM_193842-1_H1.3d_stp.zip

English

Customer View Model

ENG_CVM_193842-1_H1.2d_dxf.zip

English

Customer View Model

ENG_CVM_193842-1_H1.3d_igs.zip

English

3D PDF

English

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY



English

[Product Specifications](#)
[Application Specification](#)

English

[Product Environmental Compliance](#)
[MD_193842-1_12262016411_dmtec](#)

English

[MD_193842-1_12262016411_dmtec](#)

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[Agency Approvals](#)
[VDE Certificate](#)

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