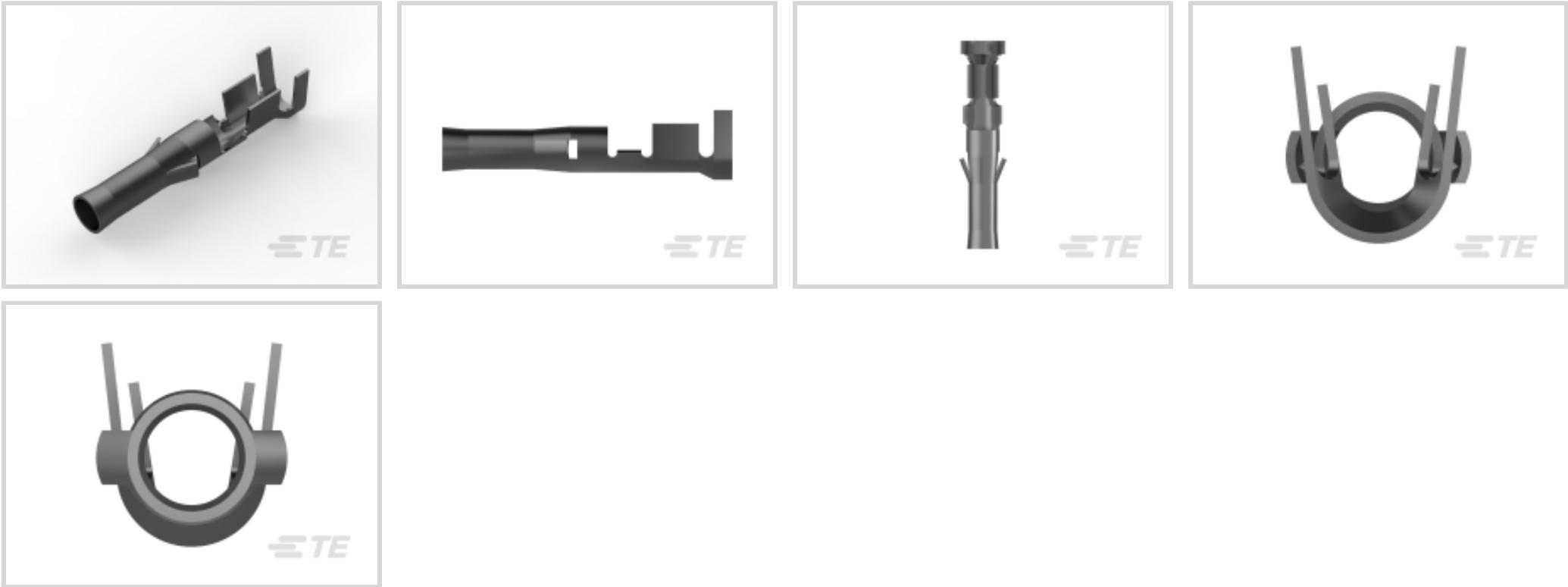




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **250 VAC, 600 VAC**
Contact Mating Area Plating Material: **Pre-Tin**
Wire Size: **.5 – 2 mm²**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	250 VAC, 600 VAC
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Contact Features

Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.36 mm[.093 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Material Thickness	.4 µm[15.74 µin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
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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	.5 – 2 mm²
Accepts Wire Insulation Diameter Range	3.56 mm[.14 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

Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard	CSA, UL
UL File Number	E28476

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Pin

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 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.

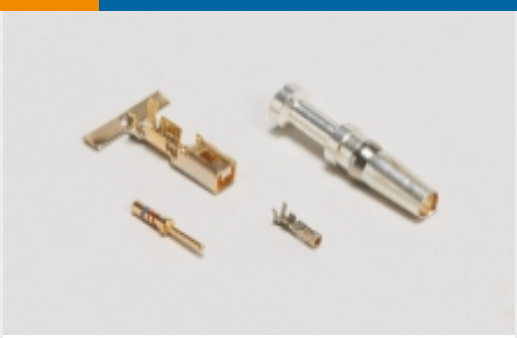
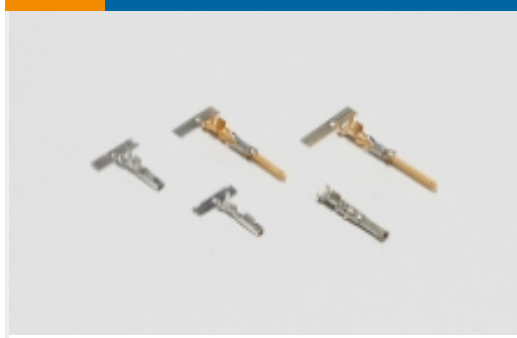


Compatible Parts

 <p>TE Model / Part # 770266-1 02P .093 COMM P&S RECPT .248CL</p>	 <p>TE Model / Part # 770073-1 03P .093 COMM P&S PLUG HSG</p>	 <p>TE Model / Part # 770269-1 03P .093 COMM P&S RECPT .250CL</p>	 <p>TE Model / Part # 770095-1 09P .093 COMM P&S PLUG</p>
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 <p>TE Model / Part # 770843-1 04P .093 COMM P&S RECPT</p>	 <p>TE Model / Part # 770076-1 04P .093 COMM P&S RECPT HSG</p>	 <p>TE Model / Part # 770361-1 06P .093 COMM P&S PLUG .250CL</p>	 <p>TE Model / Part # 770329-1 04P .093 COMM P&S RECPT .250CL</p>
 <p>TE Model / Part # 770084-1 05P .093 COMM P&S PLUG HSG</p>	 <p>TE Model / Part # 770337-1 04P .093 COMM P&S RECPT .250CL</p>	 <p>TE Model / Part # 770092-1 09P .093 COMM P&S RECPT HSG</p>	 <p>TE Model / Part # 770373-1 06P .093 COMM P&S PLUG .250CL</p>
 <p>TE Model / Part # 770071-1 03P .093 COMM P&S RECPT HSG</p>	 <p>TE Model / Part # 770070-1 03P .093 COMM P&S RECPT HSG</p>	 <p>TE Model / Part # 770424-1 02P .093 COMM P&S RCPT .248CL</p>	 <p>TE Model / Part # 770066-1 02P .093 COMM P&S RECPT .248CL</p>
 <p>TE Model / Part # 770336-1 04P .093 COMM P&S PLUG .250CL</p>	 <p>TE Model / Part # 770096-1 09P .093 COMM P&S PLUG</p>	 <p>TE Model / Part # 770103-1 15P .093 COMM P&S RECPT</p>	 <p>TE Model / Part # 770372-1 06P .093 COMM P&S RECPT .250CL</p>

Also in the Series | Commercial Pin and Socket Connectors

 <p>Connector Contacts(3)</p>	 <p>Power Contacts(39)</p>	 <p>Rectangular Connector Housings(11)</p>	 <p>Rectangular Power Connectors(88)</p>
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Standard Rectangular Connectors(5)

Customers Also Bought



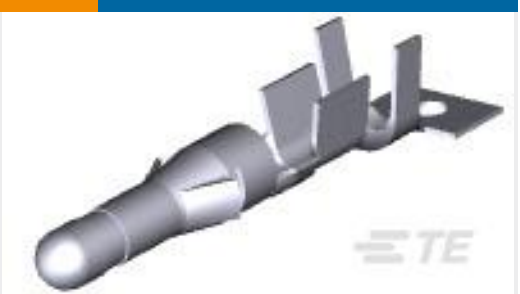
TE Model / Part #770070-1
03P .093 COMM P&S RECPT HSG



TE Model / Part #1658622-6
26 NOVO MIL/CTR 30DP,LEAD FREE



TE Model / Part #770146-1
.093 CP&S SOK PTPBR LP 24-18



TE Model / Part #770145-1
.093 COMM P&S PIN PTPBR LP



TE Model / Part #770065-1
02P .093 COMM P&S RECPT .248CL



TE Model / Part #3-770522-1
SL156 HOODED CONTACT, LP LF



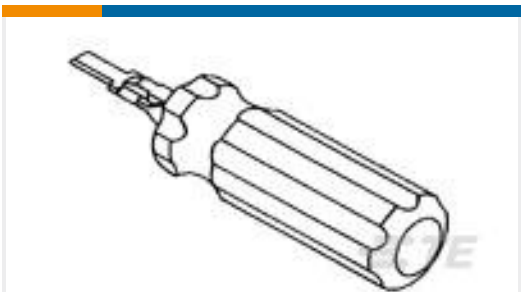
TE Model / Part #770147-1
.093 CP&S PIN PTPBR LP 24-18



TE Model / Part #770069-1
02P .093 COMM P&S PLUG .248CL



TE Model / Part #90871-1
PROC RMP TL W/DIE COMM .093 P/S



TE Model / Part #318837-1
EXTRACTION TOOL ASSEMBLY

Documents

Product Drawings

[.093 CP&S SOK PTPBR L/P 20-14](#)

English

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_770144-1_C.2d_dxf.zip](#)



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[ENG_CVM_CVM_770144-1_C.3d_igs.zip](#)

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[Application Specification](#)

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[Product Environmental Compliance](#)
[TE Material Declaration](#)

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