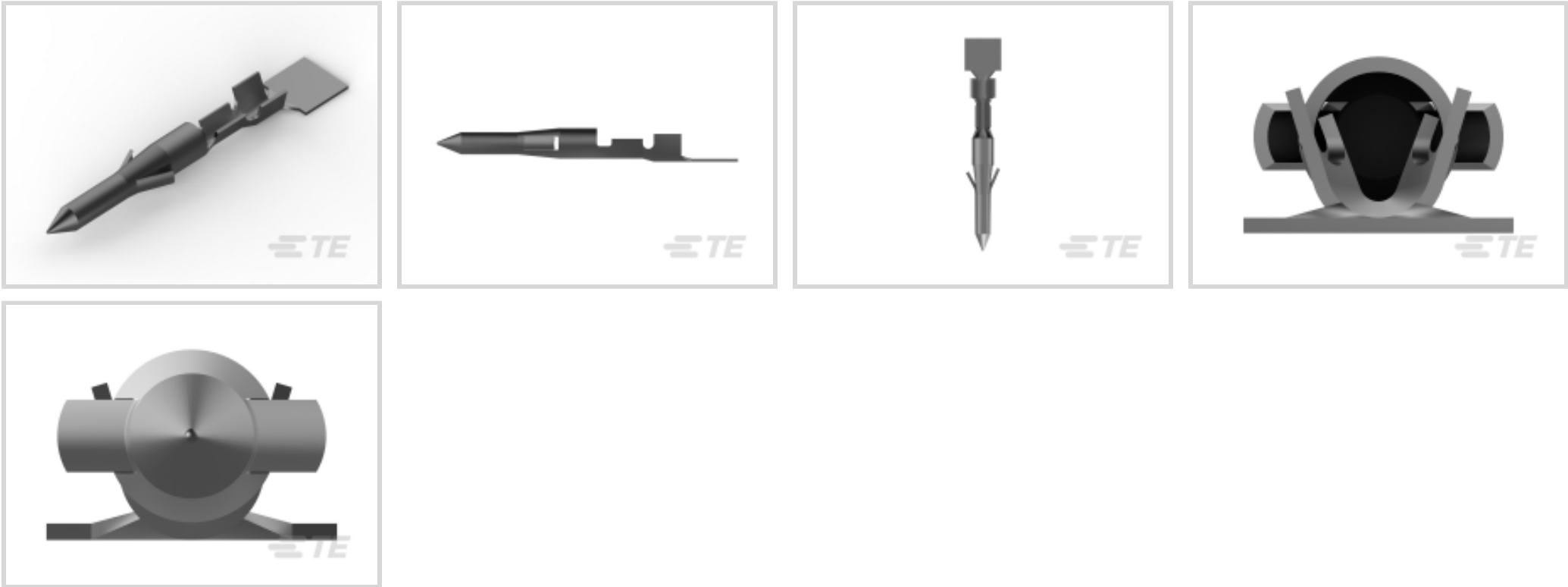




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **250 VAC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **.05 – .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
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Contact Features

Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	9 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	.4 – 3.5 μm[15.75 – 137.8 μin]
Wire Contact Termination Area Plating Material	Pre-Tin



Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Dimensions

Wire Size	.05 – .2 mm²
Accepts Wire Insulation Diameter Range	1.52 mm[.06 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
VDE Tested	No
Agency/Standard	CSA, UL
CSA File Number	LR 7189
UL Rating	Recognized
UL File Number	E28476

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Other

Wire/Cable Type	Discrete Wire
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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

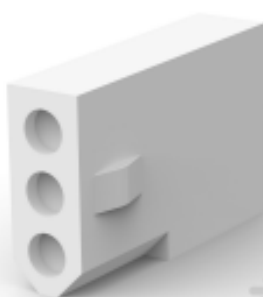


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per 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>

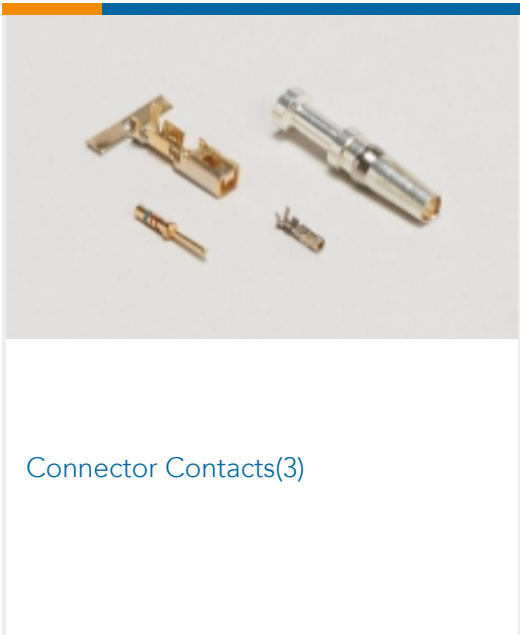
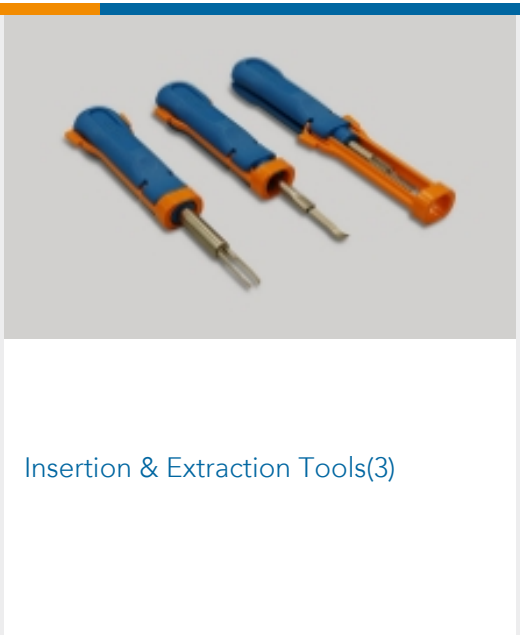
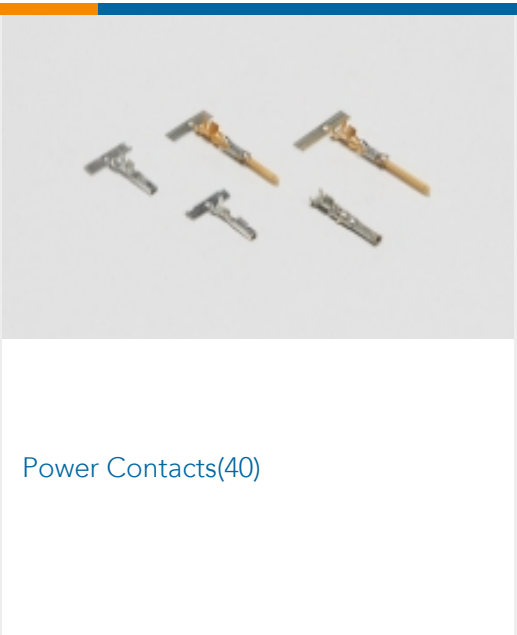
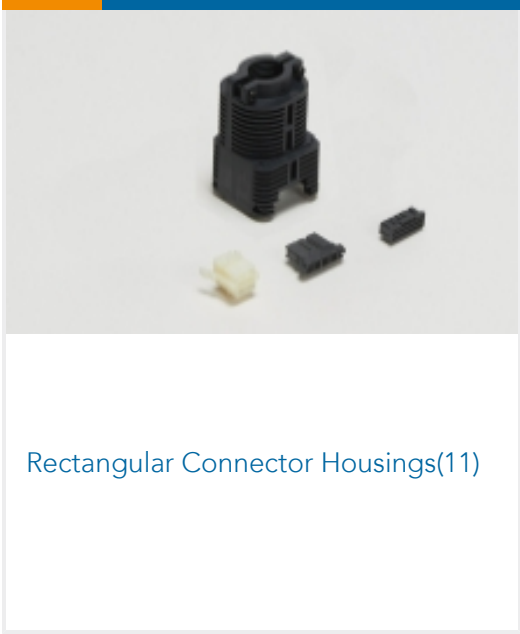
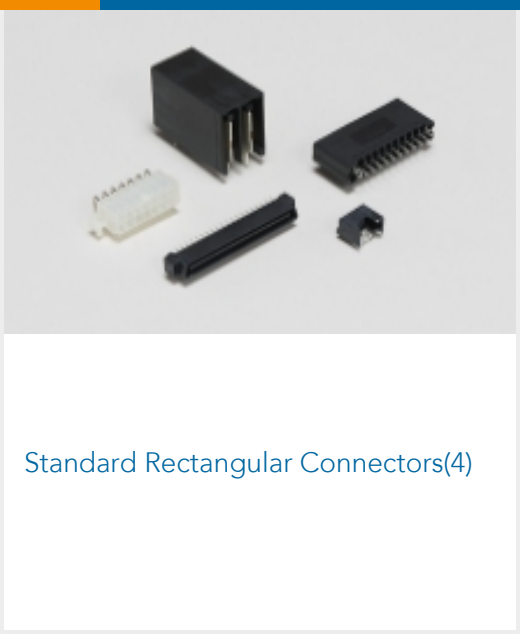
Compatible Parts

 TE Part # 189727-1 EXTRACTION TOOL	 TE Part # 770278-1 01P .062 COMM P&S PLUG	 TE Part # 770334-1 04P .062 COMM P&S PLUG	 TE Part # 770277-1 01P .062 COMM P&S RECPT
 TE Part # 770335-1 04P .062 COMM P&S RECPT	 TE Part # 770333-1 03P .062 COMM P&S RECPT	 TE Part # 770340-1 02P .062 COMM P&S PLUG	 TE Part # 770343-1 02P .062 COMM P&S RECPT



 TE Part # 770331-1 03P .062 COMM P&S PLUG	 TE Part # 770342-1 02P .062 COMM P&S RECPT	 TE Part # 770274-1 04P .062 COMM P&S RECPT	 TE Part # 770275-1 04P .062 COMM P&S PLUG
 TE Part # 770341-1 02P .062 COMM P&S PLUG	 TE Part # 770356-1 06P .062 COMM P&S RECPT	 TE Part # 770419-1 02P .062 COMM P&S RECPT	 TE Part # 770428-1 09P .062 COMM P&S PLUG
 TE Part # 770429-1 09P .062 COMM P&S RECEPT	 TE Part # 770433-1 04P .062 COMM P&S PLUG	 TE Part # 770441-1 04P .062 COMM P&S RECPT	 TE Part # 770442-1 04P .062 COMM P&S RECPT

Also in the Series | Commercial Pin and Socket Connectors

 Connector Contacts(3)	 Crimp Wire Pins, Tabs & Ferrules(1)	 Insertion & Extraction Tools(3)	 Power Contacts(40)
 Rectangular Connector Housings(11)	 Rectangular Power Connectors(88)	 Standard Rectangular Connectors(4)	

Documents



Product Drawings

[.062 CP&S PIN PTPBR L/P 30-24](#)

English

CAD Files

Customer View Model

[ENG_CVM_794018-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_794018-1_O.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794018-1_O.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_794018-1_0918201539_dmtec](#)

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