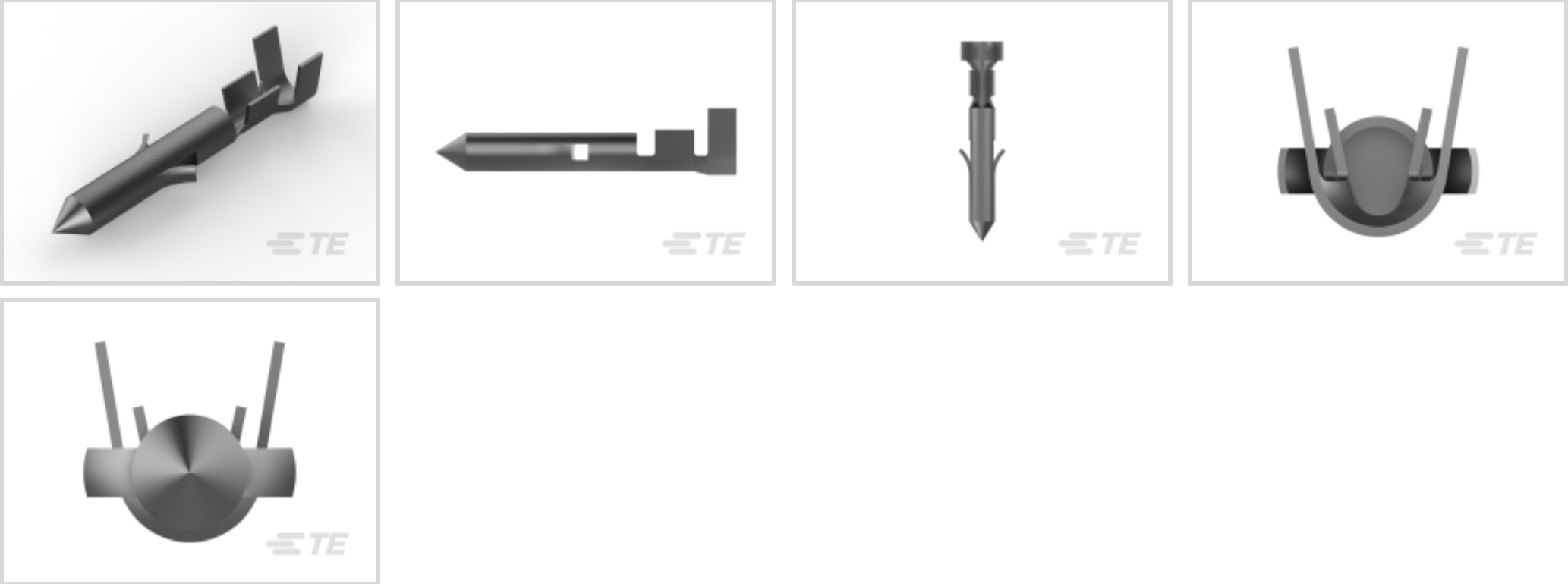




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

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

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.27 – 2.79 mm[.05 – .11 in]
Wire Size	.2 – .82 mm²

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

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 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 # 770355-1 06P .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(41)

Insertion & Extraction Tools(3)

Rectangular Connector Housings(10)

Rectangular Power Connectors(84)

Standard Circular Connectors(1)

Customers Also Bought

TE Part #2-111196-1
50 RCPT SYSTEM 50, LEAD FREE

TE Part #1658527-3
622-1030LF FEM SOCKET, LEAD FREE

TE Part #6648318-1
CONTACT, SKT, #12

TE Part #770356-1
06P .062 COMM P&S RECEPT

TE Part #770433-1
04P .062 COMM P&S PLUG

TE Part #794016-1
.062 CP&S SOK PTPBR L/P 24-18

TE Part #1658527-2
622-0630LF FEM SOCKET, LEAD FREE

TE Part #1658527-6
622-1630LF FEM SOCKET, LEAD FREE



Documents

Product Drawings

[.062 CP&S PIN PTPBR L/P 24-18](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_794017-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_794017-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_794017-1_O.3d_stp.zip](#)

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

Product Specifications

[Application Specification](#)

English