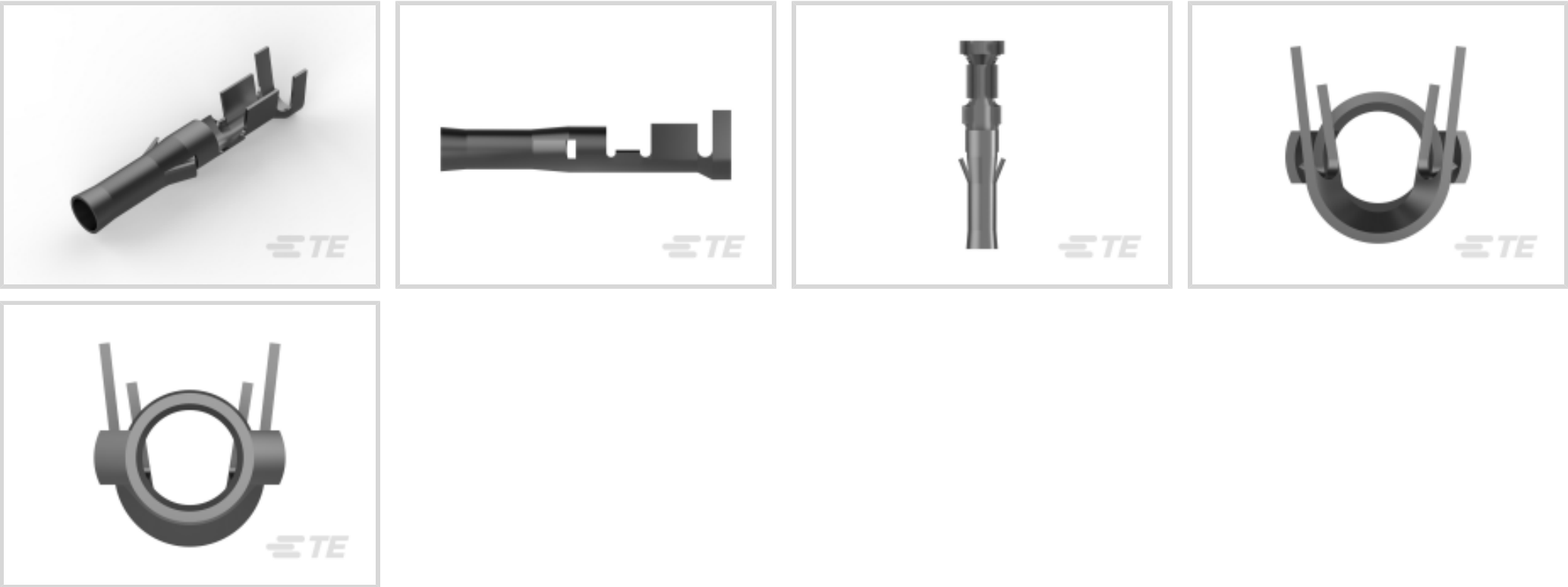




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **250 VAC, 600 VAC**
Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	250 VAC, 600 VAC
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Contact Features

Mating Pin Diameter	2.36 mm[.093 in]
Wire Contact Termination Area Plating Thickness	.4 µm[15.74 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Type	Socket
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)	13 A



Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	3.56 mm[.14 in]
Wire Size	.5 - 2 mm ²

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>

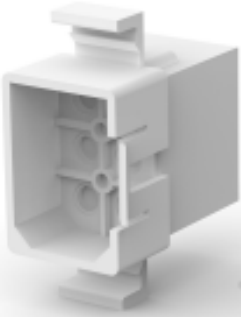
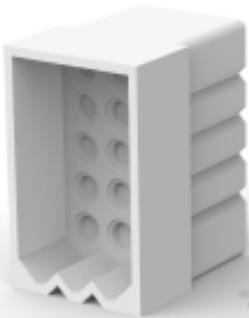
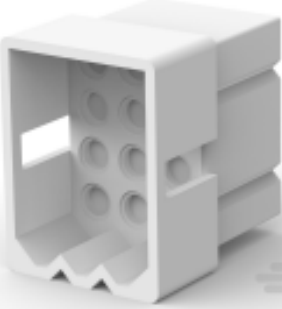
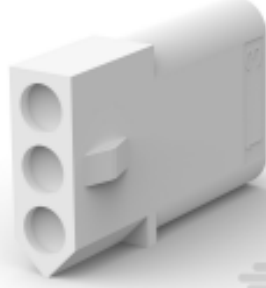
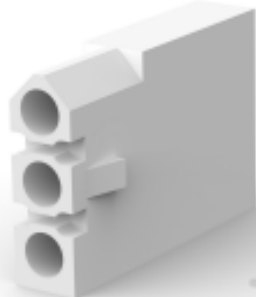
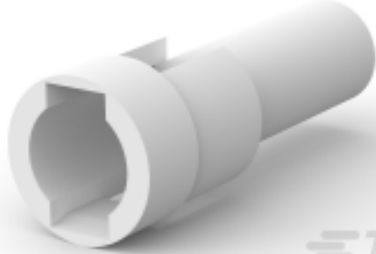
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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 # 770096-1 09P .093 COMM P&S PLUG	 TE Part # 770373-1 06P .093 COMM P&S PLUG .250CL	 TE Part # 770107-1 15P .093 COMM P&S PLUG	 TE Part # 770361-1 06P .093 COMM P&S PLUG .250CL
 TE Part # 770276-1 03P .093 COMM P&S PLUG .250CL	 TE Part # 770102-1 12P .093 COMM P&S PLUG	 TE Part # 770070-1 03P .093 COMM P&S RECPT HSG	 TE Part # 770372-1 06P .093 COMM P&S RECPT .250CL
 TE Part # 770068-1 02P .093 COMM P&S PLUG .248CL	 TE Part # 770078-1 04P .093 COMM P&S PLUG HSG	 TE Part # 770782-1 06P .093 COMM P&S RECPT	 TE Part # 770339-1 03P .093 COMM P&S RECPT .250CL
 TE Part # 770064-1 01P .093 COMM P&S PLUG HSG	 TE Part # 770071-1 03P .093 COMM P&S RECPT HSG	 TE Part # 770892-1 06P .093 COMM P&S PLUG PL	 TE Part # 770074-1 03P .093 COMM P&S PLUG HSG



TE Part # 770063-1
01P .093 COMM P&S RECPT HSG

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

TE Part # 770090-1
06P .093 COMM P&S PLUG HSG

TE Part # 770424-1
02P.093 COMM P&S RCPT .248CL

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 Rectangular Connectors(1)

Customers Also Bought

TE Part # 4-643819-7
17P MTA156 CONN ASSY 22AWG LF

TE Part # 170020-1
SHUR PLUG 20-14 MM2 TPBR

TE Part # 770102-1
12P .093 COMM P&S PLUG

TE Part # 770074-1
03P .093 COMM P&S PLUG HSG

TE Part # 770063-1
01P .093 COMM P&S RECPT HSG

TE Part # 770424-1
02P.093 COMM P&S RCPT .248CL

TE Part # 170021-3
SHUR PLUG REC 20-16AWG BRIGHT DIP OIL BR

TE Part # 770843-1
04P .093 COMM P&S RECPT



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

English

Customer View Model

ENG_CVM_CVM_770144-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770144-1_C.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_770144-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_770144-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_770144-1_F.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

770144-1

Socket Contact, Tin, 600 VAC / 250 VAC, Locking Lance Contact Retention, 20 - 14
AWG Wire Size, Commercial Pin and Socket Connectors

