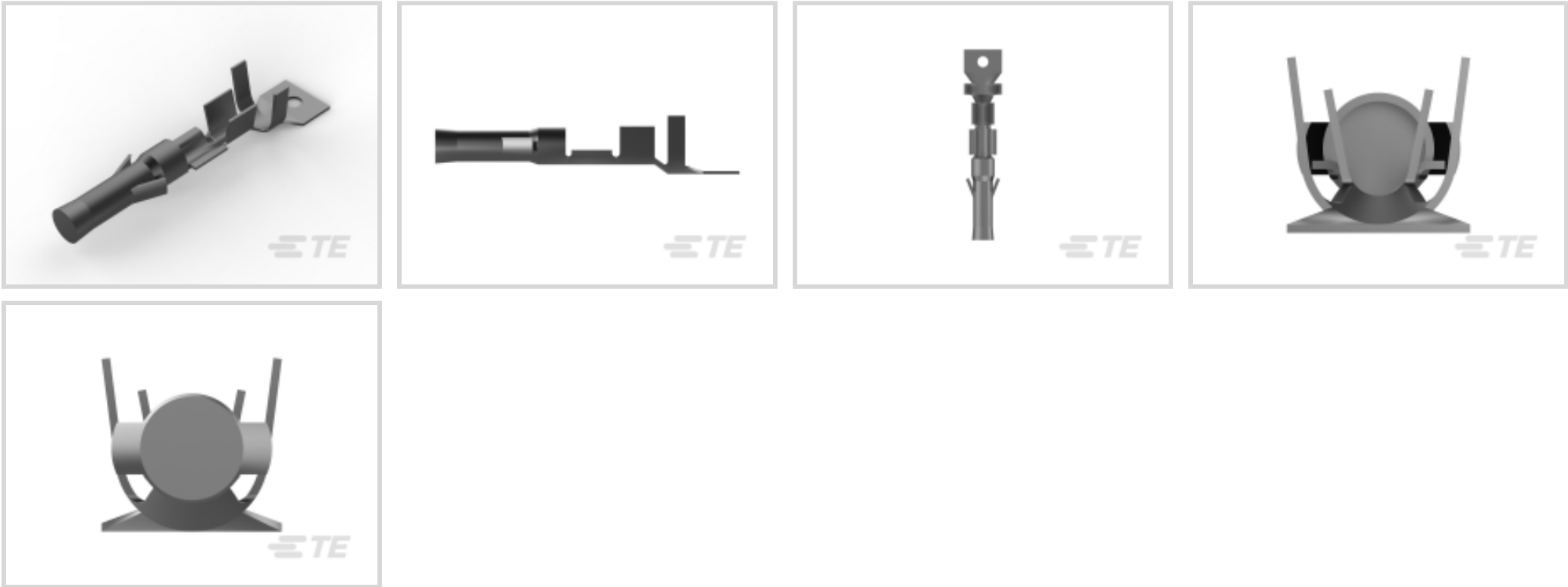




Connectors > Contacts > Connector Contacts



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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Packaging Features

Packaging Method	Reel
Packaging Quantity	3750

Dimensions

Compatible Insulation Diameter Range	4.06 mm[.16 in]
Wire Size	.52 – 2.08 mm²

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Orientation	Straight
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 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

Electrical Characteristics

Operating Voltage	250 VAC, 600 VAC
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Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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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 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

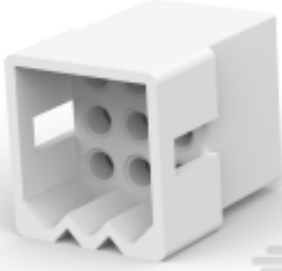
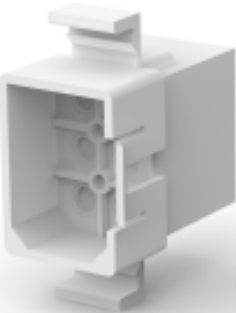
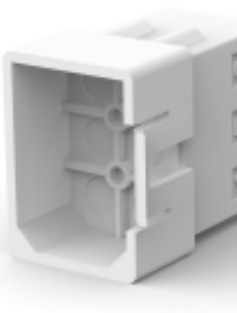
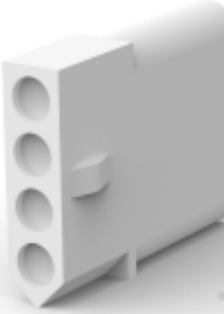
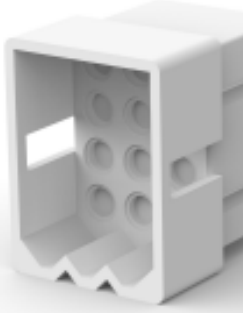
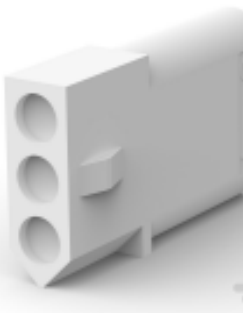
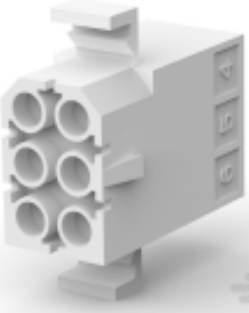
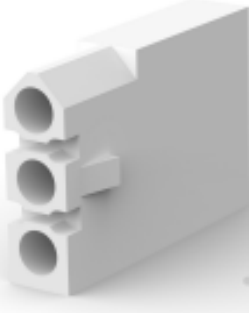
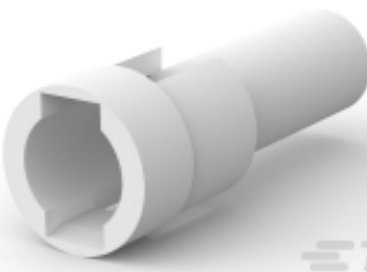
Product Compliance Disclaimer

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 # 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 # 770075-1 04P .093 COMM P&S RECPT HSG	 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

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 #521411-2
ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .250 inch



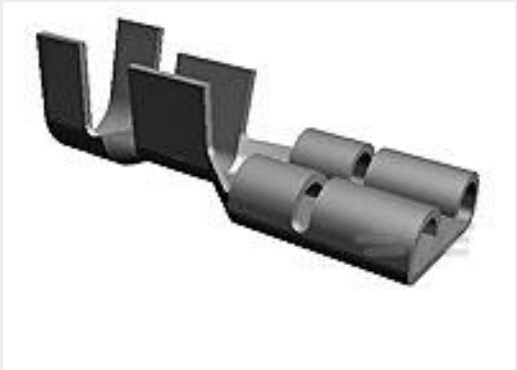
TE Part #770068-1
02P .093 COMM P&S PLUG .248CL



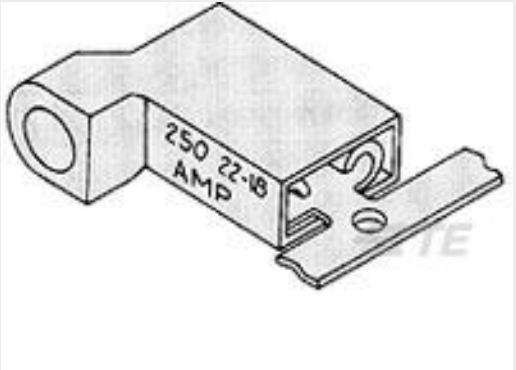
TE Part #794762-1
12P UMNL CAP HSG WHITE,PAN MNT



TE Part #770066-1
02P .093 COMM P&S RECPT .248CL



TE Part #63609-2
250 FASTON REC 22-18 AWG TPBR



TE Part #3-521013-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part #61794-4
RING 18-14 AWG BR



TE Part #61795-3
RING 18-14 AWG TPBR



Documents

Product Drawings

.093 COMM P&S SOK 14-20 PTPBR

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_770529-1_M.3d_igs.zip

English

Customer View Model

ENG_CVM_770529-1_M.3d_stp.zip

English

Customer View Model

ENG_CVM_770529-1_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770529-1_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770529-1_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770529-1_S.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

