770146-5 ✔ ACTIVE

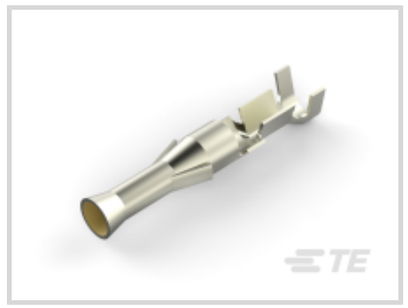
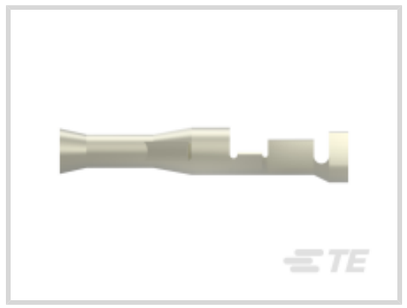
Commercial Pin and Socket Connectors

TE Internal #: 770146-5

Commercial Pin and Socket Connectors, Connector Contacts, Socket, Select Gold, Gold, Operating Voltage 250 VAC / 600 VAC

View on TE.com >

Connectors > Rectangular Connectors > Connector Contacts




Contact Type: **Socket**

Contact Mating Area Plating Material: **Select Gold**

Wire Contact Termination Area Plating Material: **Gold**

Operating Voltage: **250 VAC, 600 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	250 VAC, 600 VAC

Contact Features

Contact Diameter	2.36 mm[.093 in]
Underplate Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Thickness	.76 µm[30 µin]
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Select Gold

Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

Accepts Wire Insulation Diameter Range	2.8 mm[.11 – .15 in]
Wire Size	.205 – .79 mm^2

Usage Conditions

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

Operation/Application

For Use With	Pin

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Product Compliance

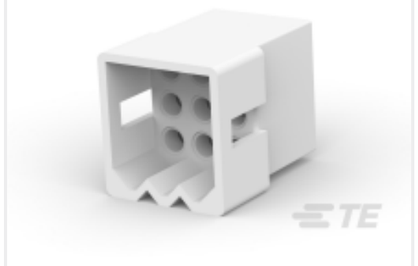
For compliance documentation, visit the product page on TE.com>

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

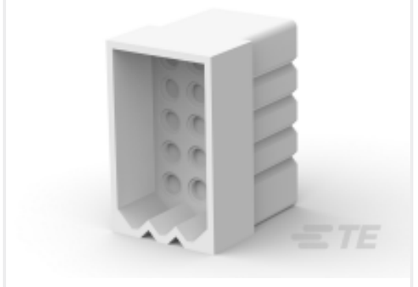
Product Compliance Disclaimer

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

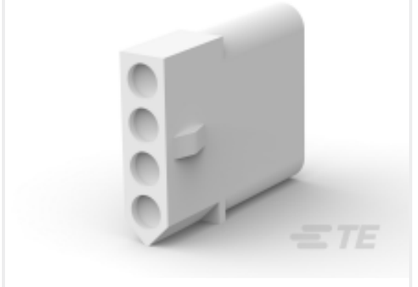
Compatible Parts



TE Part # 770096-1
09P .093 COMM P&S PLUG



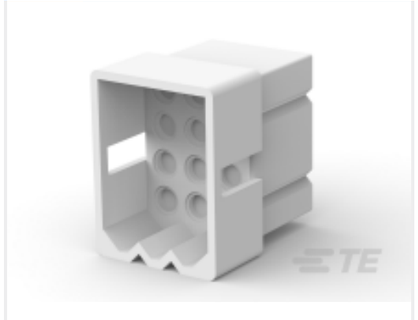
TE Part # 770107-1
15P .093 COMM P&S PLUG



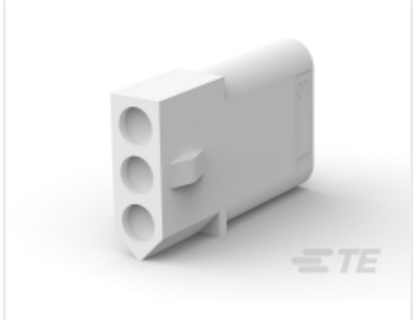
TE Part # 770075-1
04P .093 COMM P&S RECPT HSG



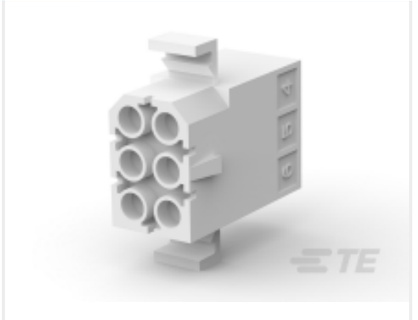
TE Part # 770276-1
03P .093 COMM P&S PLUG .250CL



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 # 770892-1
06P .093 COMM P&S PLUG PL



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



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



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



TE Part # 770087-1
06P .093 COMM P&S RECPT HSG



TE Part # 770083-1
05P .093 COMM P&S RECPT HSG



TE Part # 770425-1
02P .093 COMM P&S PLUG .248CL



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



TE Part # 770086-1
06P .093 COMM P&S RECPT HSG

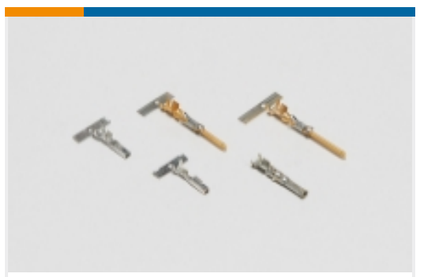
Also in the Series | Commercial Pin and Socket Connectors



Connector Contacts(3)



Insertion & Extraction Tools(3)



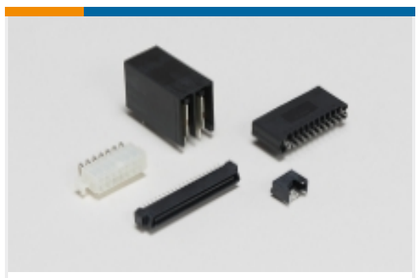
Power Contacts(39)



Rectangular Connector Housings(11)



Rectangular Power Connectors(88)

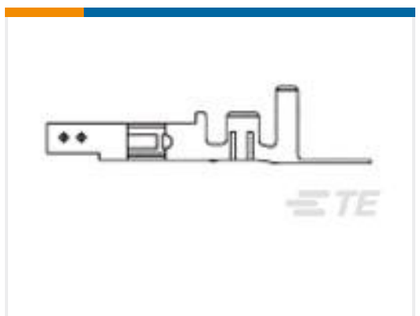


Standard Rectangular Connectors(4)

Customers Also Bought



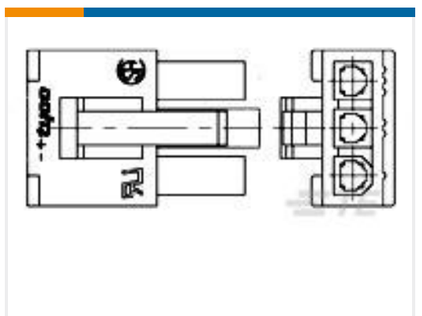
TE Part #202508-1
TYPE II CONTACTS



TE Part #1586315-2
VAL-U-LOK SKT BR AU 24-18 LP



TE Part #1052552-1
2052 1352 02,SMA FM JACK RECPT



TE Part #2029178-5
5P SR RCPT VAL-U-LOK GW



TE Part #2-747580-2
SHLDING FERRULE,PLTD TIN,BULK



TE Part #1871731-1
DYNAMIC 1000 CONTACT



TE Part #203618-1
MALE J.S. ASSY. - SHORT



TE Part #201580-1
SKT CONT ASSY,TYPE II



TE Part #1742456-2
RT .265 DIA TERMINAL 10-6 AWG TPCU



TE Part #NB14284001
VERSAFIT-1-0-SP

Documents

Product Drawings

.093 CP&S SOK AUBR LP 24-18

English

CAD Files

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_770146-5_G.3d_igs.zip

English

Customer View Model

ENG_CVM_770146-5_G.3d_stp.zip

English

Customer View Model

ENG_CVM_770146-5_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770146-5_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770146-5_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770146-5_D.3d_stp.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English