



Connectors > Contacts > Connector Contacts



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

Features

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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Product Type Features

Discrete Wire Type	Stranded
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Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Dimensions

Compatible Insulation Diameter Range	3.56 mm[.14 in]
Wire Size	.5 – 2 mm²

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Contact Features

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Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	2.36 mm[.093 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Nickel
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

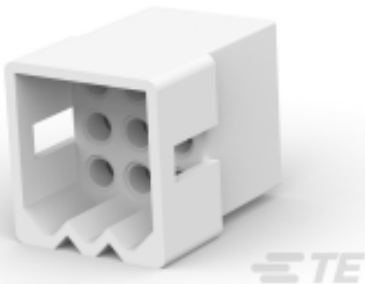
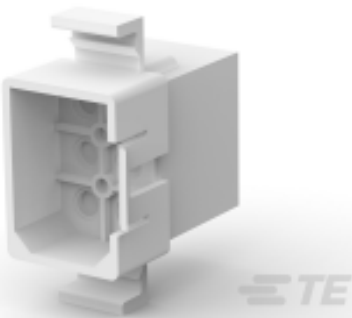
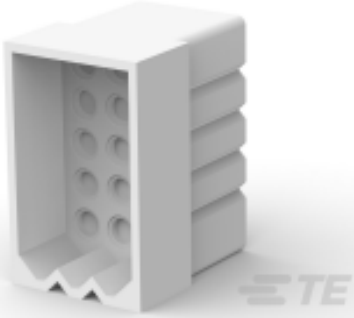
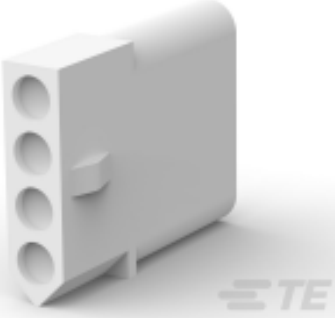
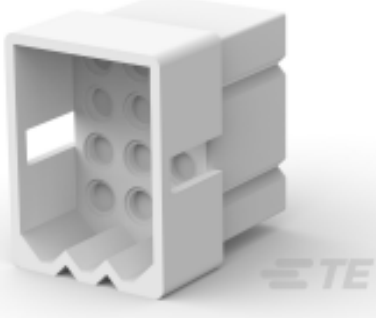
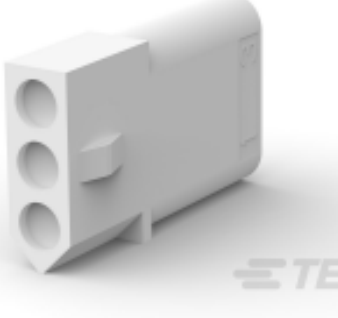
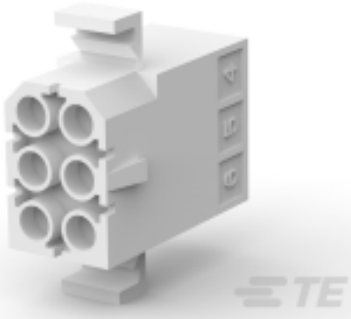
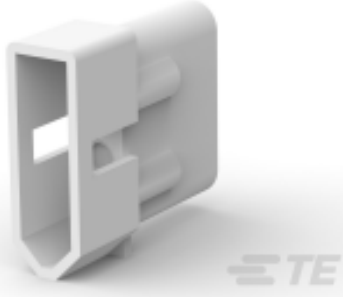
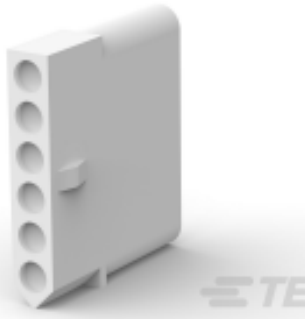
Solder Process Capability

Not applicable for solder process capability

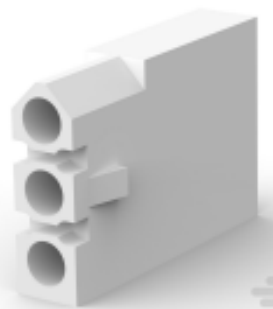
Product Compliance Disclaimer

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>

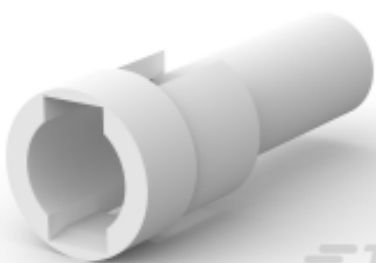
Compatible Parts

 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



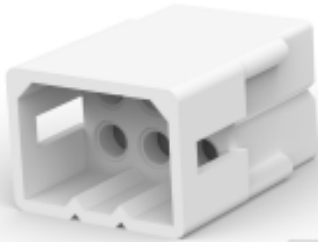
TE Part # 770074-1
03P .093 COMM P&S PLUG HSG



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 #1393845-5
RP821024



TE Part #1-770251-0
UMNLII SOK PTPPHBZ LP LF 20-14



TE Part #350550-2
UMNL SOK 20-14 AU/BR L/P



TE Part #640583-1
06P UMNL HDR ASSY R/A 94VO



TE Part #350551-2
[UMNL SOK 20-14 AUBR L/P](#)



TE Part #770262-1
[06P UMNL SOK HDR ASSY 94VO](#)



TE Part #643408-1
[06P UMNL PIN HDR ASSY POL 94VO](#)



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



TE Part #2-1393222-0
[V23061A1005A302=MINISTARKSTROM](#)



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

Documents

Product Drawings

[.093 CP&S SOC AUBR L/P 20-14](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_770144-5_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770144-5_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770144-5_C.3d_stp.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_770144-5_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_770144-5_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_770144-5_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