



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

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]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
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

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

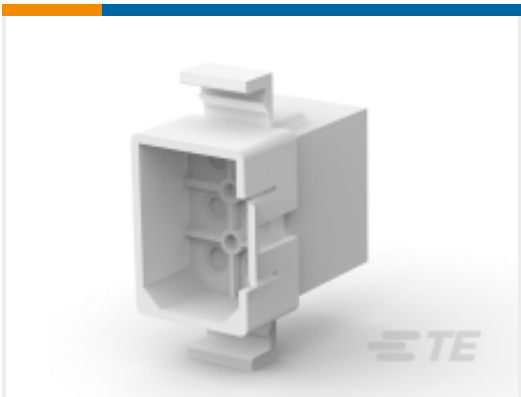
Solder Process Capability

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 # 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 Rectangular Connectors(1)

Customers Also Bought

TE Part # 206322-9
CABLE CLAMP SIZE 17

TE Part # 2-1623788-6
SQM5 R27 5% (WIRE)

TE Part # 5748676-2
DIE CAST CBL CLMP KIT,SZ 2

TE Part # 5748676-3
DIE CAST CBL CLMP KIT,SZ 3



TE Part # 5207719-1
KIT SCREWLOCK FEMALE

TE Part # 770262-1
06P UMNL SOK HDR ASSY 94VO

TE Part # 770145-5
.093 CP&S PIN AUBR LP 20-14

TE Part # 90145-2
TYPE XII MALE FEMALE ASSY 16-14
DIE SET

TE Part # 58436-3
DIE, COAX 151/178X068HEX IS9657

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](#)

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Customer View Model

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English

Customer View Model

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

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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