



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **Without**

Features

Mechanical Attachment

Wire Insulation Support	Without
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	9.06 mm[.357 in]
Contact Underplating Material Thickness	1 µm[40 µin]
Contact Mating Area Plating Material Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	5.08 – 7.62 µm[200 – 300 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	Without
Contact Size	Size 0



Contact Base Material	Copper Alloy
Contact Current Rating (Max)	200 A

Electrical Characteristics

Operating Voltage	250 VAC
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Termination Features

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

Dimensions

Wire Size	106000 CMA
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1766811-1
CONTACT,PIN,#0

Also in the Series | ELCON Drawer

Connector Contacts(34)

Connector Hardware(1)

PCB Headers & Receptacles(25)

Rectangular Power Connectors(2)

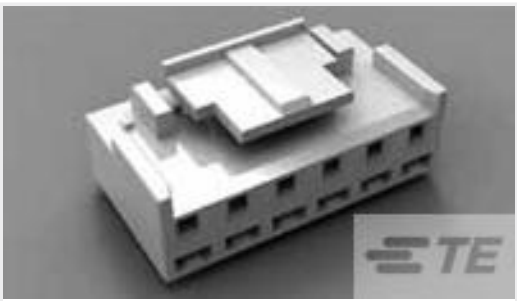
Customers Also Bought

TE Part #3-641535-2
02P MTA100 CONN ASSY LF

TE Part #206227-1
23-7 RECEPT REV SEX

TE Part #6648317-1
CONTACT,SOCKET,SIZE #8

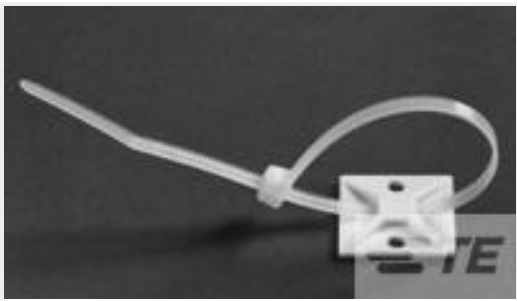
TE Part #1648325-1
702-92-01109=CONTACT,SKT,#20



TE Part #1-1123722-4
3.96 EP PLUG HSG 4P(NATURAL)



TE Part #1766192-1
CONTACT,PIN,#8



TE Part #608802-1
CABLE TIE MOUNT, 4-WAY,3/4" SQ



TE Part #8-32994-2
TERMINAL,SOLIS R 12-10 8



TE Part #1648555-1
295-0052-01100(SEE DBL DWR CAT)



TE Part #1-499252-3
064 STRAIN RELIEF A-L RCPT

Documents

Product Drawings

CONTACT,SKT,SIZE #0

English

CAD Files

Customer View Model

ENG_CVM_CVM_6648418-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6648418-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6648418-1_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

AMP & ELCON Power Connector Layout Forms Datasheet 6-1773444-7

English

Product Specifications

Application Specification

English

6648418-1

Socket Contact, Gold, 250 VAC, Size 0 Contact Size, 1/0 AWG Wire Size, 106000 CMA
Wire Size, Crimp, Copper Alloy, Power, ELCON Drawer

