



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Operating Voltage: **250 VDC**
Contact Retention Within Housing: **With**
Termination Method to Wire & Cable: **Crimp**

Features

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Type	Socket
Contact Retention Within Housing	With
Contact Current Rating (Max)	5 A, 15 A, 35 A, 200 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	Without
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Usage Conditions

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

Circuit Application	Power & Signal
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Packaging Features

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Packaging Method	Package
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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 # 1648183-1
291-10-01100=SA CONN,PIN



TE Part # 1643782-1
291-0170-00100B=TA CONN,PIN



TE Part # 1648569-1
295-20-01100



TE Part # 2085295-1
CONN,PIN,TOP DRAWER



TE Part # 1926170-1
75A Middle Drawer

TE Part # 6651486-2
CONN,PIN,TOP DRAWER

TE Part # 6651488-2
CONN,PIN,TOP DRAWER

Customers Also Bought

TE Part #1658641-2
HDP-20,PLUG,SIZE 5, 50 POSN

TE Part #2-1625984-7
HSA50 1R8 5%

TE Part #1650589-1
903-19-02113=SCREW,SHOULDER,M4

TE Part #6648318-1
CONTACT,SKT,#12

TE Part #1-1571983-1
GDH08STR04=DIP SWITCH

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

TE Part #1571983-4
GDH04S04=DIP SWITCH

TE Part #5205980-3
SCREW RETAINER KIT,BULK PKG

Documents

Product Drawings

292-10-01100=SA CONN,SKT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1648186-1_D_c-1648186-1-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1648186-1_D_c-1648186-1-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1648186-1_D_c-1648186-1-d.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