



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Operating Voltage: **250 VAC, 600 VAC**
Contact Mating Area Plating Material: **Tin**
Wire Size: **.3 – .84 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VAC, 600 VAC
-------------------	------------------

Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	2.36 mm[.093 in]
Contact Base Material	Brass
Wire Contact Termination Area Plating Thickness	.4 μm[15.74 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Orientation	Straight



Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

Dimensions

Wire Size	.3 – .84 mm²
Compatible Insulation Diameter Range	2.79 mm[.11 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

Agency/Standard	CSA, VDE
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

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

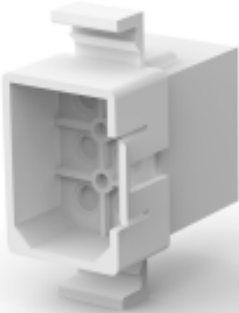
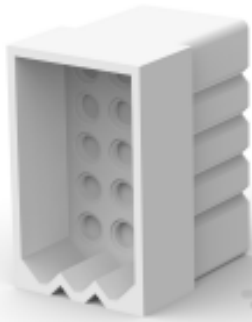
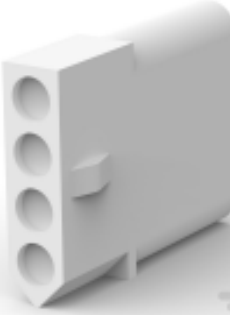
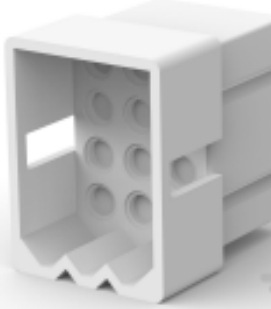
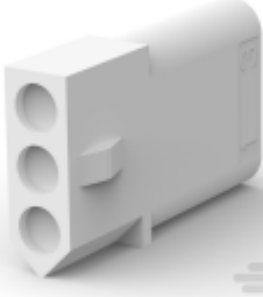
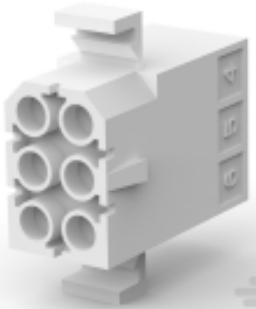
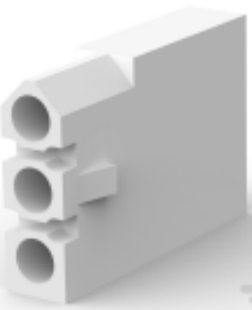
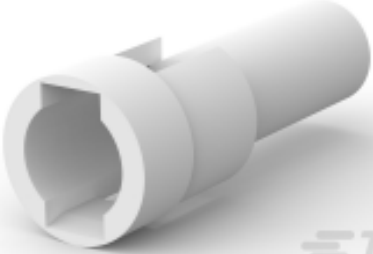
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not 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(2)

Crimp Wire Pins, Tabs & Ferrules(1)

Insertion & Extraction Tools(3)

Power Contacts(39)

Rectangular Connector Housings(10)

Rectangular Power Connectors(84)

Standard Rectangular Connectors(2)

Customers Also Bought

TE Part #1-770849-5
15P SL156 HSG W/LOC RAMP W/TBS

TE Part #1376395-1
5MM POWER KEY D/L PLATE GREEN

TE Part #91579-1
CCII ECON POWER REC 20-16 ASSY

TE Part #794956-5
VAL-U-LOK SKT BR SN 18-22AWG

TE Part #521411-1
ULTRA-POD 250 ASY REC 22-18 AWG BR

TE Part #42800-1
187 FASTON REC 20-16 AWG BR

TE Part #520988-1
ULTRA-POD 250 ASSY REC 22-18 AWG BR

TE Part #62074-1
PIN .125 (3.17 MM) 24-20 AWG 0.42 BR



Documents

Product Drawings

.093 COMM P&S SOK 18-24 PTPBR

English

CAD Files

Customer View Model

ENG_CVM_350417-1_AP1.3d_igs.zip

English

Customer View Model

ENG_CVM_350417-1_AP1.3d_stp.zip

English

Customer View Model

ENG_CVM_350417-1_AP1.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350417-1_BH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350417-1_BH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350417-1_BH.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English



Product Environmental Compliance

MD_350417-1_0913201788_dmtec

English

MD_350417-1_0913201788_dmtec

English