



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Operating Voltage: **250 VDC**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	1.8 A
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	1.02 µm[40 µin]
Contact Mating Area Plating Material Finish	Semi-Bright
Wire Contact Termination Area Plating Thickness	1 – 3 µm[40 – 118 µin]



Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.8 – 1.4 mm ²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Strip
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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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

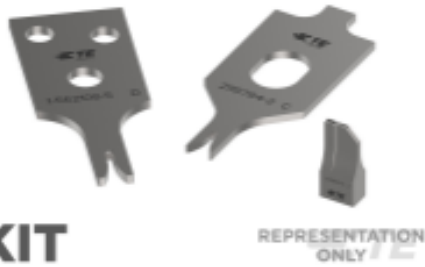
Product Compliance Disclaimer

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 # 91505-1 CCII TYPE III+ 24-16 ASSY	 TE Part # 2151023-1 OCEAN_2.0_Applicator-S-080F120O-RSM	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE	 TE Part # 7-2151023-7 OCEAN_2.0_SPARE_PART_KIT-080F120O
 TE Part # 5-2151023-1 OCEAN_2.0_Applicator-S-080F120O-RSM	 TE Part # 2151023-2 OCEAN_2.0_Applicator-S-080F120O-RSA	 TE Part # 5-2151023-2 OCEAN_2.0_Applicator-S-080F120O-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
 TE Part # 58495-2 PROCrimper DIE ASSY MULTIMATE			

Also in the Series | AMP Type IV

 Connector Contacts(47)	 Power Contacts(47)
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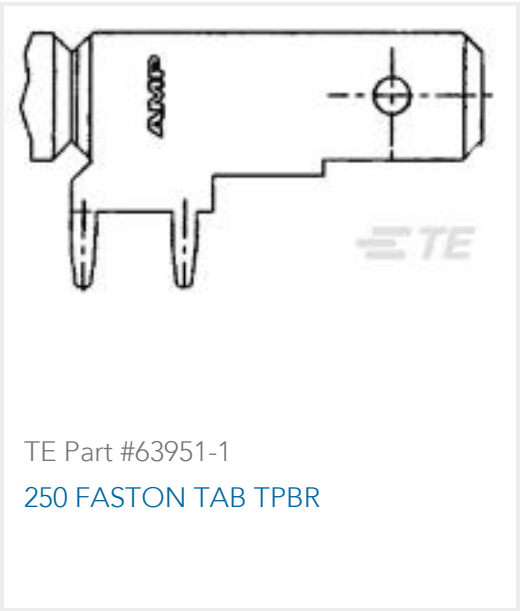
Customers Also Bought



TE Part #53894-1
HSG ASSY,PWR LK,SRS1,1 POS,WHT



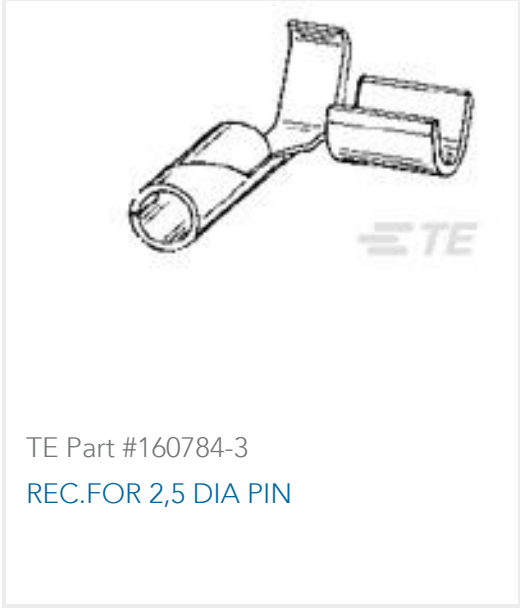
TE Part #53894-6
HSG ASSY,PWR LK,SRS1,1 POS,BLU



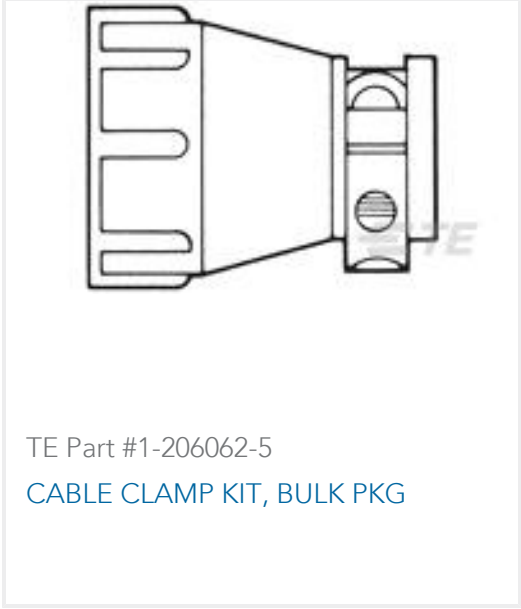
TE Part #63951-1
250 FASTON TAB TPBR



TE Part #160484-4
110 FASTON,REC.,20-17 AWG,BR



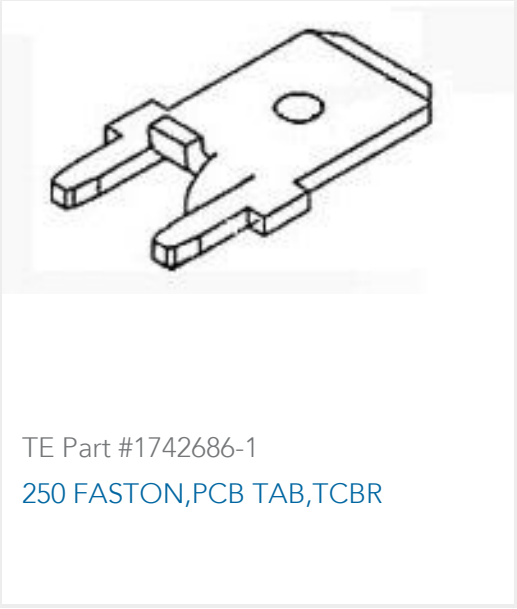
TE Part #160784-3
REC.FOR 2,5 DIA PIN



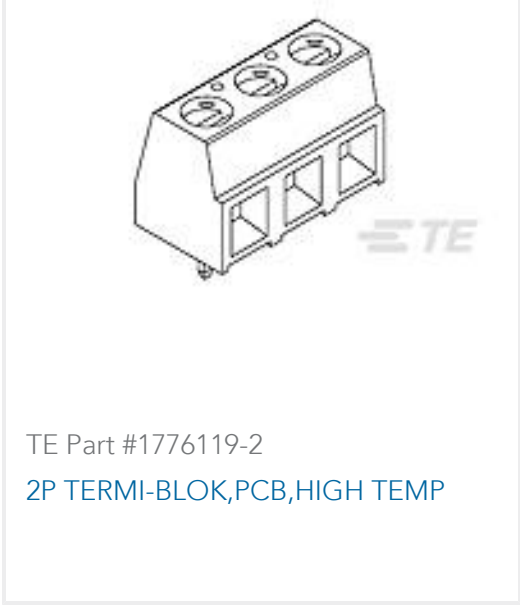
TE Part #1-206062-5
CABLE CLAMP KIT, BULK PKG



TE Part #4-1625885-3
1W SM M/OX 5% 220K



TE Part #1742686-1
250 FASTON,PCB TAB,TCBR



TE Part #1776119-2
2P TERMI-BLOK,PCB,HIGH TEMP



TE Part #6-1879354-9
RR03 5% 220R AMMO

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66580-2_AN_c-66580-2-an.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_66580-2_AN_c-66580-2-an.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66580-2_AN_c-66580-2-an.3d_stp.zip

English

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

Product Specifications

Application Specification

Japanese



Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English