5-530517-2 ✔ ACTIVE

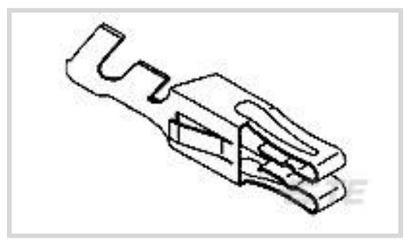
AMP

TE Internal #: 5-530517-2

Tin (Sn), Socket Contact, 16 – 14 AWG, 1.25 – 2 mm² Wire, Locking Lance Contact Retention, 2580 – 4110 CMA, Crimp, Copper Alloy, Power & Signal

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

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 Base Material	Copper Alloy
Contact Mating Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material Finish	Matte

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance

Dimensions

Wire Size	2580 – 4110 CMA
Compatible Insulation Diameter Range	2.29 – 3.68 mm[.09 – .145 in]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	1500
Packaging Method	Strip

Product Compliance

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

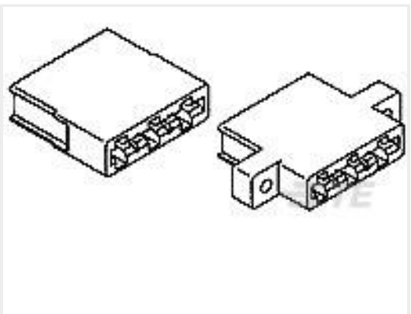
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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

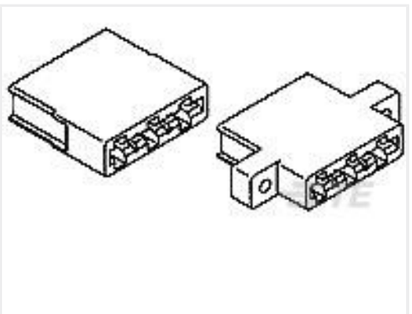
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-530521-7
HOUSING



TE Part # 530521-9
HIGH CURRENT HSG 12 POS

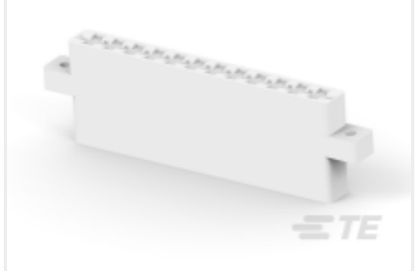


TE Part # 530521-3
HIGH CURRENT HSG 4 POS

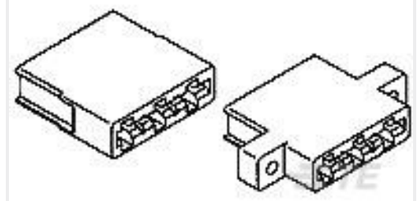
TE Part # 1-530521-1
HOUSING

TE Part # 1-530521-6
HOUSING

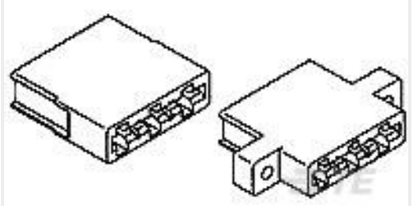
TE Part # 1-530521-3
HOUSING



TE Part # 1-530521-9
HOUSING



TE Part # 530521-6
HIGH CURRENT HSG 8 POS



TE Part # 530521-7
HIGH CURRENT HSG 9 POS

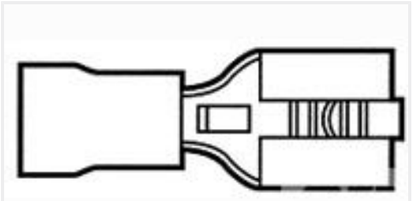
Customers Also Bought

TE Part #800578-SF
FN2070-10-06

TE Part #5-146276-6
06 MODII HDR SRST B/A .100CL

TE Part #521408-2
ULTRA-POD 110 ASSY REC 22-18 AWG TPBR

TE Part #3-640602-8
08P MTA156 CONN ASSY 24AWG LF



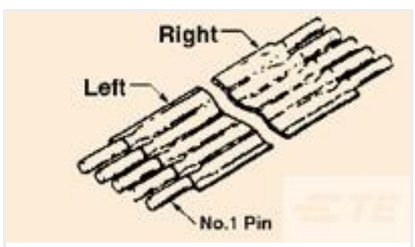
TE Part #640904-1
RECEPT,PIDG FASTON 16-14 250

TE Part #644752-8
08P MTA156 HDR ASSY SQ STR F/L

TE Part #1318912-1
EP CONN LP REC

TE Part #2-1393210-0
T9AS1D12-5

TE Part #9-1437657-8
8PCV-06-006=#8 TRIBARRIER



TE Part #7-6474640-5
FSN-22A

Documents

Product Drawings

HIGH CURRENT CONT. STRIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-530517-2_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-530517-2_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-530517-2_U.3d_stp.zip

English

Product Specifications

Application Specification

English