5-530519-2 ✔ ACTIVE

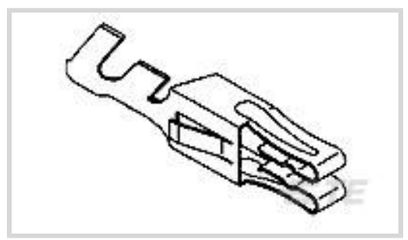
AMP

TE Internal #: 5-530519-2

Receptacle Contact, Tin, Locking Lance Contact Retention, Discrete Wire, 12 – 10 AWG Wire Size, 3.3 – 5.26 mm² Wire Size, 6529 – 10384 CMA Wire Size

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin**

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

Contact Retention Within Housing: **With**

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

Features

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Contact Features

Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	30 A

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	4.06 – 5.33 mm[.16 – .21 in]
Wire Size	6529 – 10384 CMA

Usage Conditions

Operating Temperature Range	-40 – 95 °C[-40 – 203 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	1500
Packaging Method	Reel

Product Compliance

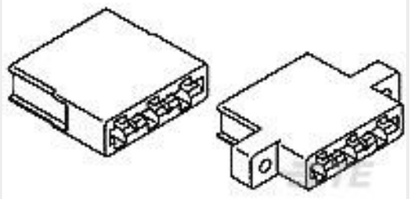
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

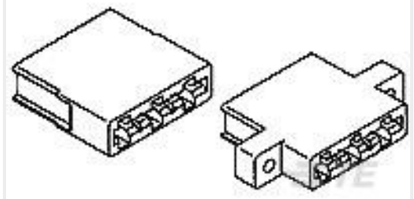
Product Compliance Disclaimer

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

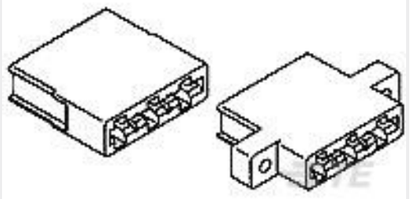
Compatible Parts



TE Part # 530521-6
HIGH CURRENT HSG 8 POS



TE Part # 530521-9
HIGH CURRENT HSG 12 POS



TE Part # 530521-7
HIGH CURRENT HSG 9 POS

TE Part # 1-530521-1
HOUSING

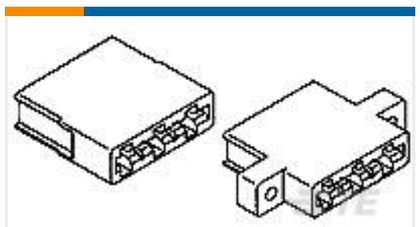
TE Part # 1-530521-3
HOUSING

TE Part # 1-530521-6
HOUSING

TE Part # 1-530521-7
HOUSING

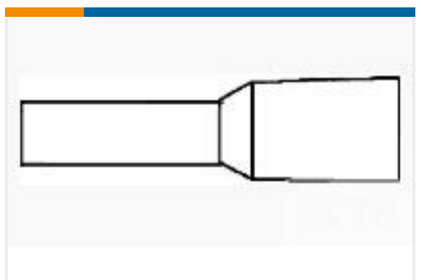
TE Part # 1-530521-9
HOUSING

TE Part # 466438-2
HDM SMPR160F250OK

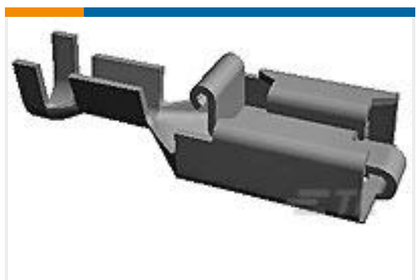


TE Part # 530521-3
HIGH CURRENT HSG 4 POS

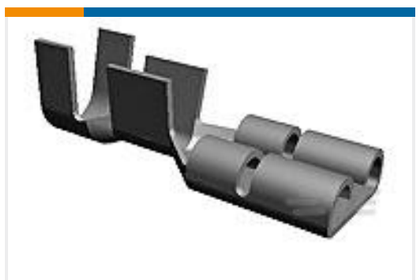
Customers Also Bought



TE Part #1-966144-0
FER,WIRE,DBL,PL SLV,4.00/12,L12, GREY,LP

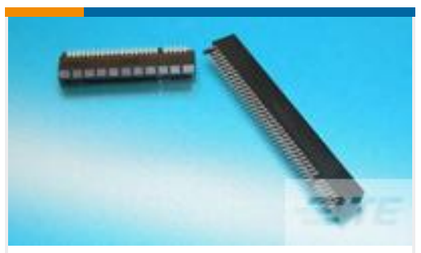


TE Part #63812-1
250 PL MKI REC. 18-14AWG TPBR



TE Part #63365-2
250 FASTON REC 14-10 AWG TPBR

TE Part #3-794677-2
2POS MICRO MNL ASSY,R/A,THRU



TE Part #5650187-1
CONN SEC II 17 POS 100 C/L R/A

TE Part #1SNS420000Z0351
ENT 10293-IND.A

TE Part #1SNS420000Z0355
ENT 10294

TE Part #1SNS420000Z0388
ENT 10325

TE Part #2029173-6
6P VRT HDR VAL-U-LOK V0 W/ODH

Documents

Product Drawings

HIGH CURRENT CONT-STRIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-530519-2_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-530519-2_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-530519-2_W.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English