530519-2 DO NOT USE FOR NEW DESIGN

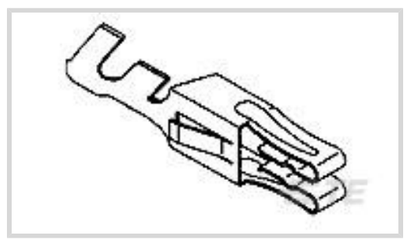
AMP

TE Internal #: 530519-2

Tin (Sn), Receptacle Contact, 12 – 10 AWG, 3.3 – 5.26 mm² Wire, Locking Lance Contact Retention, 6529 – 10384 CMA, Discrete Wire, Crimp, Copper Alloy

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Contact Features

Contact Type	Receptacle
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 Current Rating (Max)	30 A
Wire Contact Termination Area Plating Material Finish	Bright

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

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	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (13% in 4690948374) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

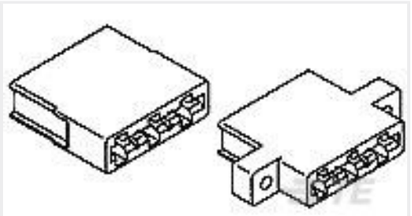
Product Compliance Disclaimer

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

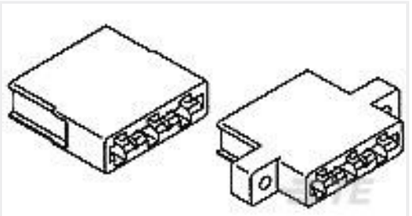
Compatible Parts



TE Part # 1-530521-9
HOUSING



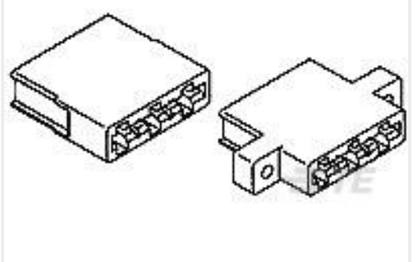
TE Part # 530521-6
HIGH CURRENT HSG 8 POS



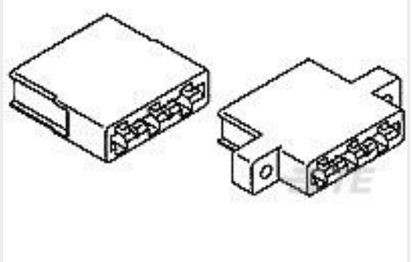
TE Part # 530521-7
HIGH CURRENT HSG 9 POS



TE Part # 1-530521-7
HOUSING



TE Part # 530521-3
HIGH CURRENT HSG 4 POS



TE Part # 530521-9
HIGH CURRENT HSG 12 POS



TE Part # 1-530521-1
HOUSING



TE Part # 1-530521-6
HOUSING

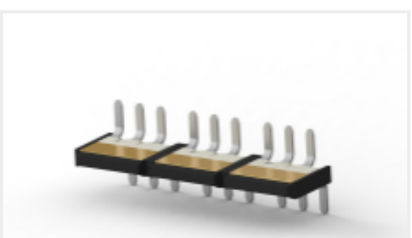


TE Part # 1-530521-3
HOUSING

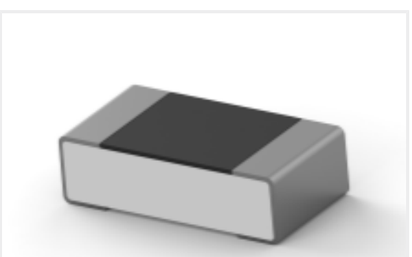
Customers Also Bought



TE Part #9-1971845-3
3P, RAST 5 Tab Header, THV



TE Part #2085196-1
Connector Blade MC-P3S0 Mini Crown Edge



TE Part #4-2176369-2
RQ 0603 107R 0.1% 10PPM 5K RL



TE Part #2273007-3
M8 x 1.0 straight socket Pigtail Shld



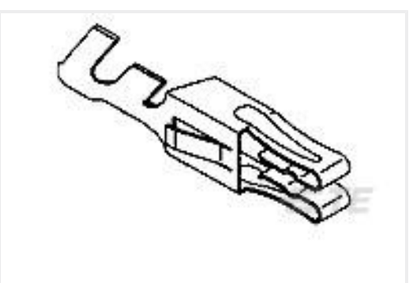
TE Part #CAT-B8519-T273
Poke-In Connectors, Two-Piece



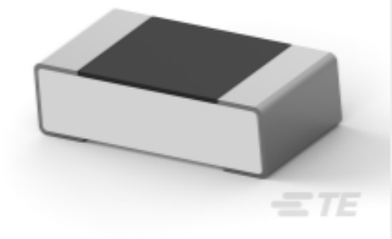
TE Part #3-6450170-5
MBXL R/A RCPT 2P+8S+2P



TE Part #6648237-1
CROWN,SKT,#8



TE Part #530520-1
CONT.HIGH CURRENT L.P.



TE Part #3-2176372-7
RQ 0603 118K 0.1% 10PPM 5K RL

Documents

Product Drawings

HIGH CURRENT CONT. STRIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_530519-2_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_530519-2_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_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