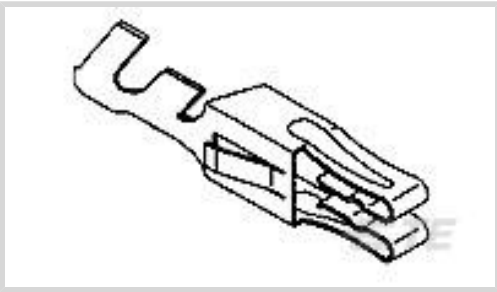




Connectors > Contacts > Connector Contacts



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         |
| 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                            | 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                  | 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 # 1-530521-1  
HOUSING



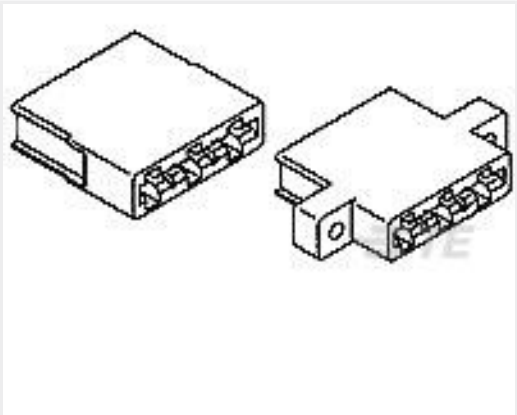
TE Part # 1-530521-6  
HOUSING



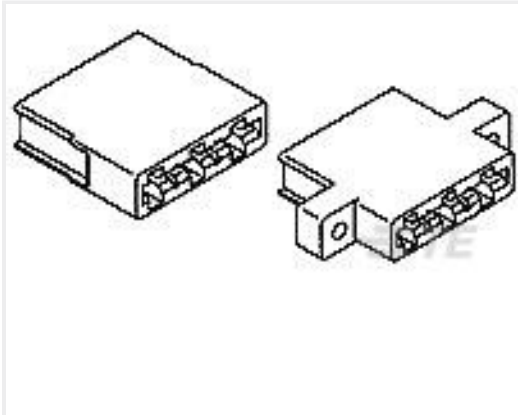
TE Part # 1-530521-3  
HOUSING



TE Part # 1-530521-7  
HOUSING



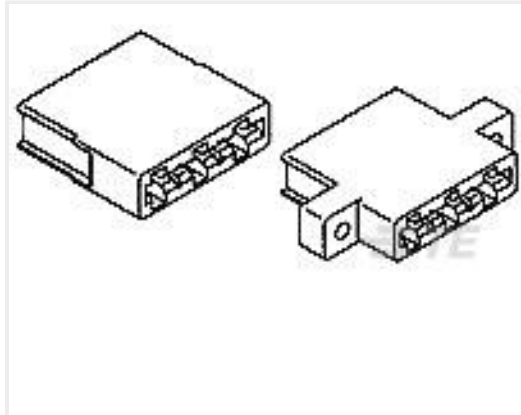
TE Part # 530521-9  
HIGH CURRENT HSG 12 POS



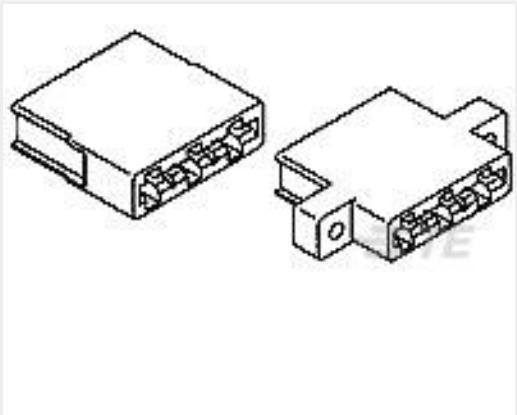
TE Part # 530521-3  
HIGH CURRENT HSG 4 POS



TE Part # 1-530521-9  
HOUSING

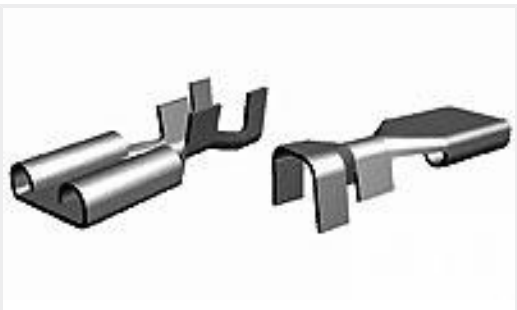


TE Part # 530521-7  
HIGH CURRENT HSG 9 POS



TE Part # 530521-6  
HIGH CURRENT HSG 8 POS

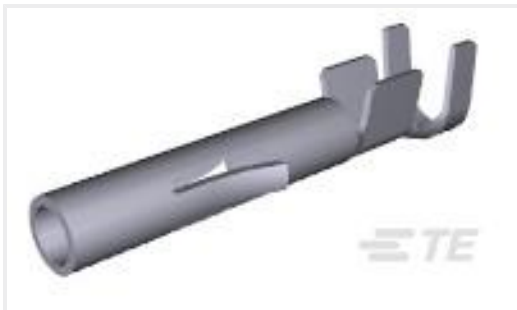
Customers Also Bought



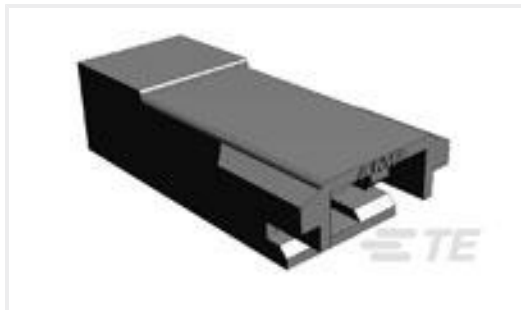
TE Part #63820-1  
312 FASTON REC 14-10 AWG SPBR



TE Part #350218-3  
UMNL PIN 20-14 .0125PTPPHBZ



TE Part #350536-3  
UMNL SOK 20-14 .0125 PTPPHBZ



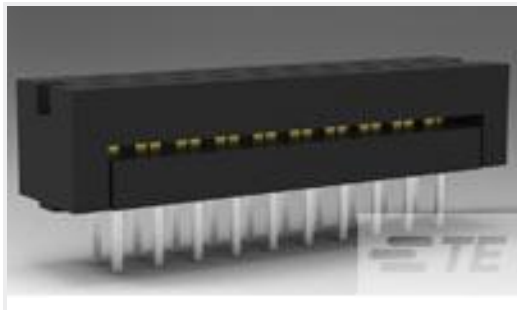
TE Part #521053-1  
250 FASTON HSG. REC 1P NATURAL



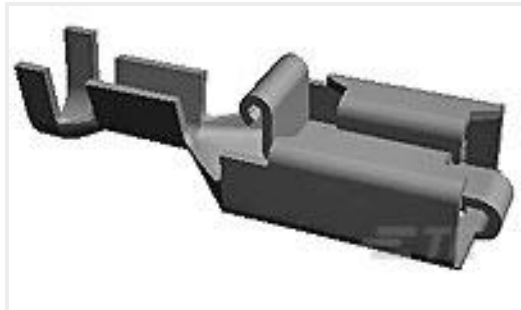
TE Part #3-640426-2  
02P MTA156 CONN ASSY 18AWG  
ORA



TE Part #3-643815-9  
09P MTA100 CONN ASSY POL RIB



TE Part #2-746610-3  
024 DIP PLUG 100CL TIN



TE Part #790319-3  
250 PL MKI REC. 12-10AWG PTBR





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