



Positive Lock | Mark I, Positive Lock 250

TE Internal #: 520961-1

Crimp Terminal Housings, Receptacle, Receptacle, 1 Position,  
Straight, UL 94V-2, Black, Nylon, Contact Mating Retention, Positive  
Lock 250

[View on TE.com >](#)

Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Crimp Terminal Housings



Terminal Type: **Receptacle**  
Connector & Housing Type: **Receptacle**  
Number of Positions: **1**  
Terminal Orientation: **Straight**  
UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

|                                   |                             |
|-----------------------------------|-----------------------------|
| Sealable                          | No                          |
| Connector System                  | Wire-to-Board, Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable                |
| Connector & Housing Type          | Receptacle                  |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 1 |
|---------------------|---|

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

|                          |            |
|--------------------------|------------|
| Terminal Type            | Receptacle |
| Terminal Orientation     | Straight   |
| Contact Mating Retention | With       |

Mechanical Attachment

|  |
|--|
|  |
|--|



|                         |                            |
|-------------------------|----------------------------|
| Mating Alignment Type   | Polarization               |
| Mating Retention Type   | Latch                      |
| Mating Alignment        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                  |       |
|------------------|-------|
| Housing Material | Nylon |
|------------------|-------|

Dimensions

|  |         |
|--|---------|
|  | .475 in |
|--|---------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 - 130 °C[-40 - 266 °F] |
|-----------------------------|----------------------------|

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 1      |
| Packaging Method   | Carton |

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

|                                                             |                                                           |                                                              |                                                           |
|-------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|
| <br>TE Part # 154718-3<br>PL 250 REC 0.7-2.0 MM2 0.406 TPBR | <br>TE Part # 63812-1<br>250 PL MKI REC. 18-14AWG TPBR    | <br>TE Part # 154717-3<br>PL 250 REC TERMINAL 14-11 AWG TPBR | <br>TE Part # 1-160759-1<br>250 PL MKI REC. 20-15AWG PTBR |
| <br>TE Part # 790319-3<br>250 PL MKI REC. 12-10AWG PTBR     | <br>TE Part # 1969877-1<br>187 HIGH TEMP POS LOCK HSG LCP | <br>TE Part # 928083-1<br>PL 187 REC HSG 1P NYLON NAT        |                                                           |

Also in the Series | Mark I

|                                   |                              |                                 |                                     |
|-----------------------------------|------------------------------|---------------------------------|-------------------------------------|
| <br>Automotive Housings(8)        | <br>Automotive Terminals(12) | <br>Crimp Terminal Housings(24) | <br>Insertion & Extraction Tools(1) |
| <br>PCB Headers & Receptacles(21) | <br>Quick Disconnects(29)    |                                 |                                     |

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(192)



Insertion & Extraction Tools(3)

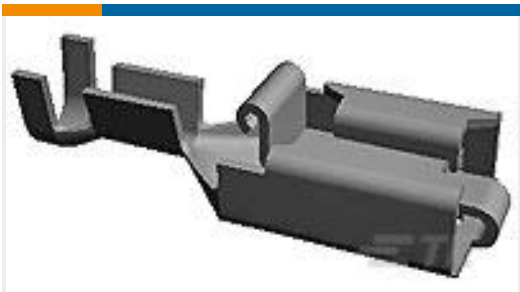


Insulation Boots & Sleeves(4)

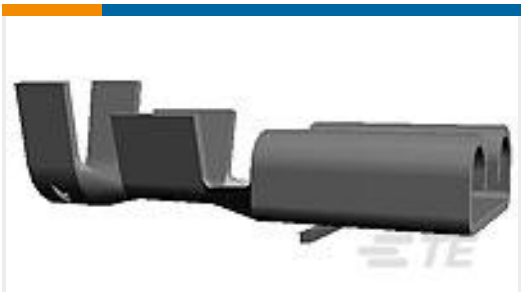


Quick Disconnects(186)

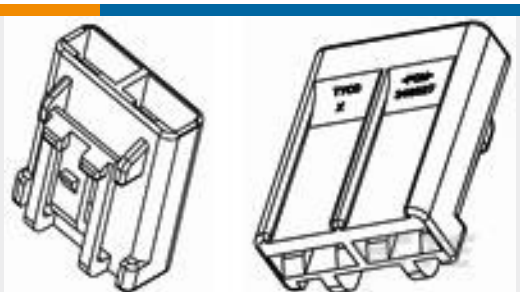
Customers Also Bought



TE Part # 154718-3  
PL 250 REC 0.7-2.0 MM2 0.406 TPBR



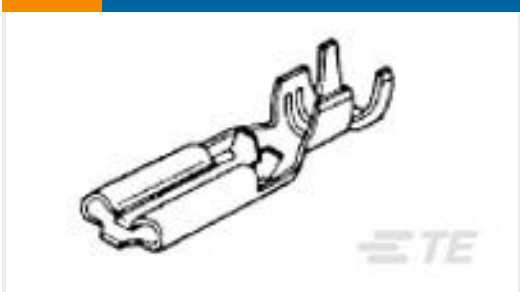
TE Part # 60249-3  
FF 250 REC 16-12AWG BR SILVER PLATED



TE Part # 346027-1  
FASTIN FASTON HOUSING RECEPTACLE



TE Part # 6-160448-2  
FF 250 REC 1.0-2.5MM2 TPPB



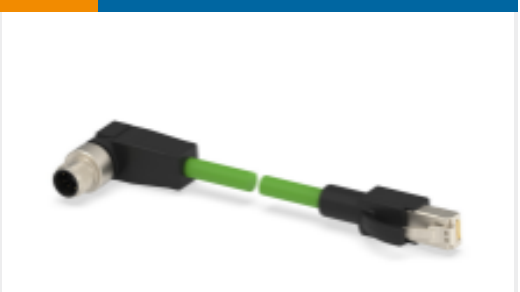
TE Part # 175411-1  
110 PL REC. 24-20AWG PTBR



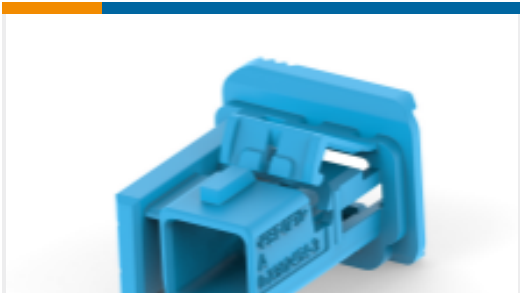
TE Part # 173724-1  
187 PL EX REC. 20-14AWG PTBR



TE Part # 964280-2  
JPT A REC 2.8 Contact SRC Sn



TE Part # TCX38821112-004  
RPC-M12X-8MR-3.0SH-RJ45-8MS-PVC



TE Part # 2302454-3  
1-PORT MATENET FRAME,UTP, COD C



TE Part # L9000105-01  
Antenna 2.45GHz WRT Monopole RPS

Documents



Product Drawings

PL 250 HOUSING BLACK NYLON

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_520961-1\_AA.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_520961-1\_AA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_520961-1\_AA.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English