# 177627-1 ✔ ACTIVE

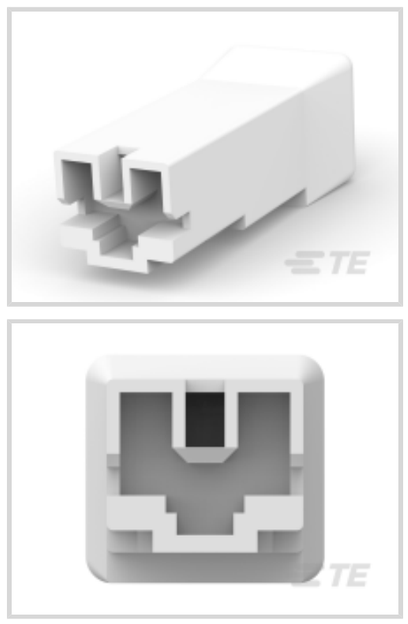
Positive Lock | Positive Lock 250

TE Internal #: 177627-1

Crimp Terminal Housings, Receptacle, Receptacle, 1 Position, Straight, UL 94V-0, Natural, Nylon, Mating Alignment, 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-0**

## 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 | Natural |

### Contact Features

| | |
|---|---|
| Terminal Type | Receptacle |
| Terminal Orientation | Straight |
| Contact Mating Retention | Without |

### Mechanical Attachment

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

### Housing Features

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

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 - 105 °C[-40 - 221 °F] |

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 1000 |

## Product Compliance

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

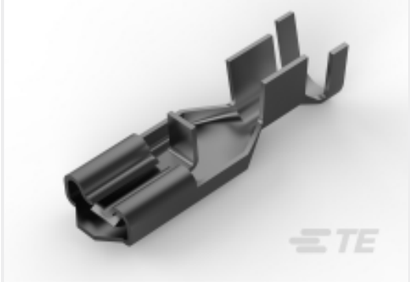
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Melamine (3% in Component Part)<br>**Article Safe Usage Statements:**<br>Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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, 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 # 63239-1
POSITIVE LOCK 250 REC 12-10 AWG TPBR



TE Part # 170335-1
PL 250 RECEPTACLE 15-10 AWG PTPBR



TE Part # 170329-1
250 PL MKII REC. 15-10AWG PTBR



TE Part # 170327-1
250 PL MKII REC. 22-18AWG PTBR



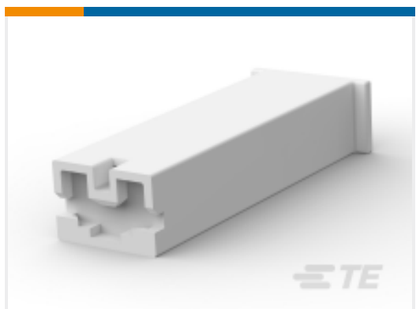
TE Part # 170328-1
250 PL MKII REC. 18-14AWG PTBR



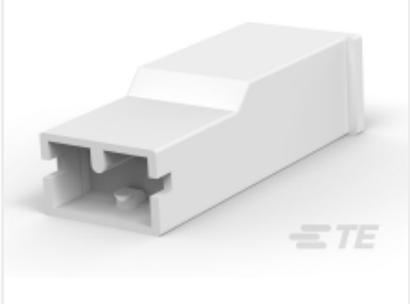
TE Part # 170333-1
PL 250 RECEPTACLE 22-18 AWG PTPBR



TE Part # 927076-1
PL HOUSING 0.6 PA 6.6 + PE-GF13 BLACK



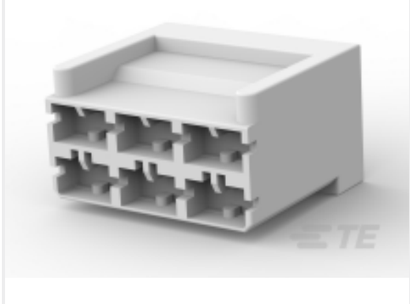
TE Part # 928083-1
PL 187 REC HSG 1P NYLON NAT



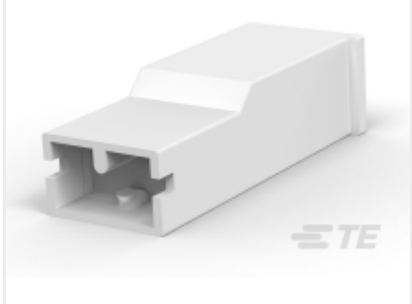
TE Part # 1-2133341-2
250 HSG. PL MKI REC. NAT



TE Part # 170334-1
250 PL MIII,REC.,18-14 AWG,PTBR



TE Part # 926330-3
6P POS-LOCK BU GEH



TE Part # 1-2133341-1
PL MK1 RECEPTACLE NATURAL 6.6 PA



TE Part # 2238155-1
POS LOCK 250 Rec, MKII, 18-14 TPBR



TE Part # 2238156-1
POS LOCK 250 Rec, MKII, 22-18 TPBR

## Also in the Series | Positive Lock 250



Automotive Terminals(1)



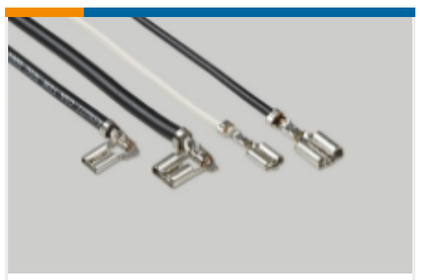
Crimp Terminal Housings(191)



Insertion & Extraction Tools(3)

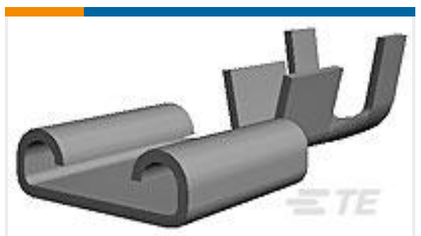


Insulation Boots & Sleeves(4)



Quick Disconnects(186)

## Customers Also Bought



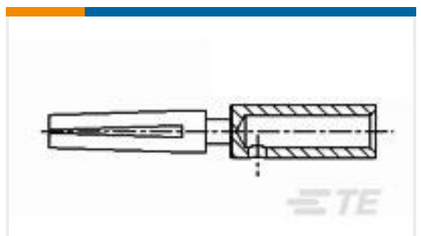
TE Part # 170183-2
250 FASTON,REC.,22-18 AWG,TPBR



TE Part # 170140-1
187 FASTON,FLAG,REC.,16-20 AWG, BR



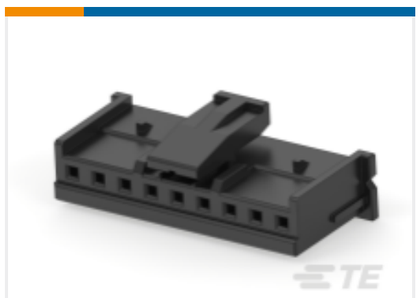
TE Part # 1742883-1
187 FASTON,REC.,20-16 AWG,NPST



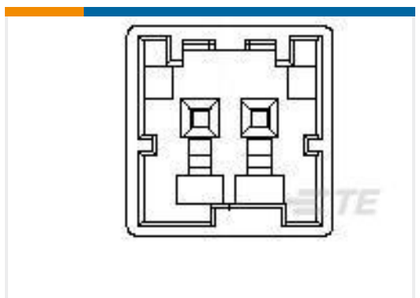
TE Part # 5-1437720-6
T01-CRIMP-S03



TE Part # 1977104-4
STV08=8 POS SIP SWITCH



TE Part # 4-2338183-9
EP 2.5 HOUSING 9P, BLACK, UL version



TE Part # 1-1903391-2
GIC 2.5 W CAP HSG 2P RED



TE Part # 5-1437720-3
T01-500-3.5=INDUSTRIAL CONNECT



TE Part # 2-1971777-4
PTL TPA HWI 1X4 NATURAL

## Documents

## Product Drawings

PL .250 (6.3 MM) HOUSING RECEPTACLE

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_177627-1_C.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_177627-1_C.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_177627-1_C.3d_stp.zip

English

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

## Datasheets & Catalog Pages

Positive Lock Receptacles

English

## Agency Approvals

UL Report

English