# 170233-1 ✔ ACTIVE

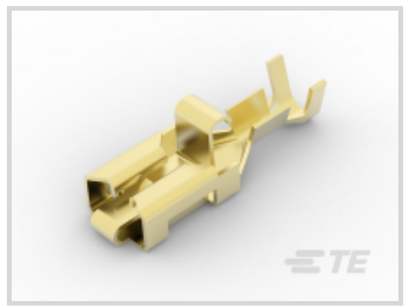
Positive Lock | Positive Lock 250

TE Internal #: 170233-1

Quick Disconnect Receptacle, Uninsulated, 20 – 14 AWG, .51 – 2.08 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, Brass, Positive Lock 250

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 2.08 mm²**

Mating Tab Width: **6.35 mm [ .25 in ]**

Mating Tab Thickness: **.81 mm [ .032 in ]**

## Features

### Product Type Features

| | |
|---|---|
| Insertion Force | Low |

### Configuration Features

| | |
|---|---|
| Compatible With Wire & Cable Type | Discrete Wire |
| Connection Capacity | Single |

### Contact Features

| | |
|---|---|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 6.35 mm[.25 in] |
| Mating Tab Thickness | .81 mm[.032 in] |
| Terminal Orientation | Straight |
| Contact Base Material | Brass |
| Terminal Plating Material | Unplated |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

### Termination Features

| | |
|---|---|
| Product Terminates To | Wire & Cable |

### Mechanical Attachment

| | |
|---|---|
| Wire Insulation Support | With |
| Mating Retention Type | Dimple |

### Dimensions

| | |
|---|---|
| Product Length | 22.1 mm[.87 in] |
| Compatible Insulation Diameter Range | 2.1 – 3.4 mm[.082 – .134 in] |
| Terminal Material Thickness | .41 mm[.016 in] |
| Wire Size | .51 – 2.08 mm² |

### Usage Conditions

| | |
|---|---|
| Insulation Option | Uninsulated |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | UL |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 2000 |
| Packaging Method | Strip/Reel |

## Product Compliance

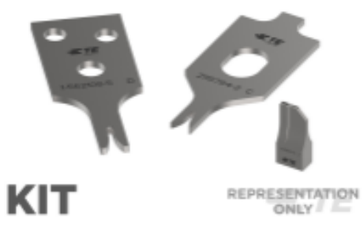
For compliance documentation, visit the product page on TE.com>

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

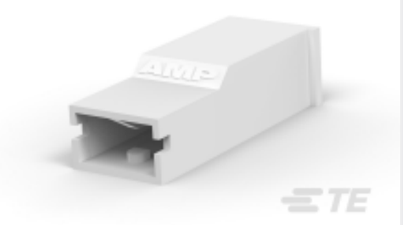
Product Compliance Disclaimer

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



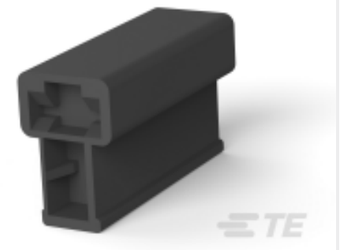

TE Part # 7-2836398-7
OCEAN_2.0_SPARE_PART_KIT-110F180F




TE Part # 171809-1
POSITIVE LOCK (PL) HOUSING



TE Part # 2836398-2
OCEAN_2.0_Applicator-S-110F180F-RSA



TE Part # 171810-2
POSITIVE LOCK HOUSING RECEPTACLE




TE Part # 171809-2
POSITIVE LOCK (PL) HOUSING

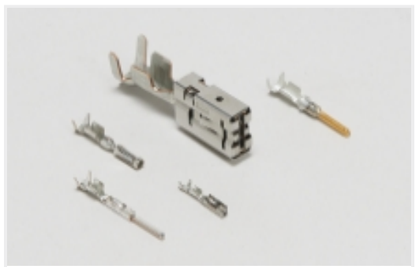


TE Part # 1380089-1
PL MKIII .250 REC 1.0-2.5MM2

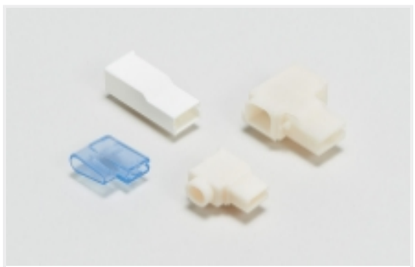


TE Part # 1380088-1
PL MKIII .250 REC 0.5-1.0MM2

## Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(176)



Insertion & Extraction Tools(3)

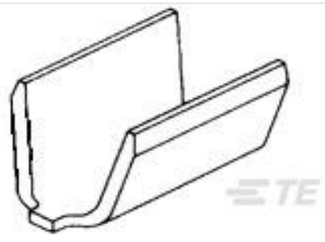


Insulation Boots & Sleeves(5)

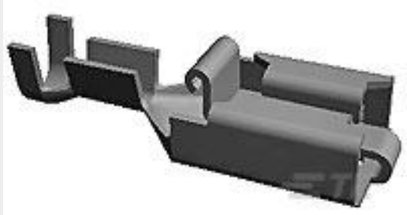


Quick Disconnects(171)

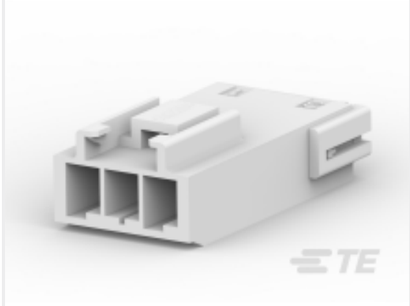
## Customers Also Bought



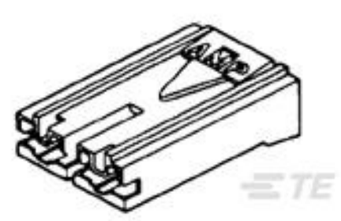
TE Part #41313
SPLICE 800-2500 CMA TPBR



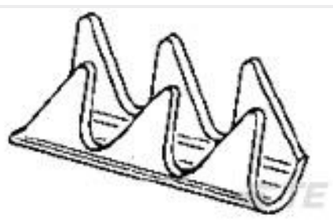
TE Part #170234-1
POSITIVE LOCK RECP



TE Part #5-179464-1
POWER DBL LOCK CAP HSG F/H 3P (GWT)



TE Part #179720-1
187 HSG. PL MKII REC. 10mm 2P NAT



TE Part #926933-1
WIRE PIN 18-17 AWG .01 PTPB



TE Part #2-1743068-1
187 HSG. PL MKII REC. 5mm 3P NAT

TE Part #PEA002M16000001000
923 SINGLETEC RECEPTACLE

TE Part #PEA002M35000002000
923 SINGLETEC RECEPTACLE



TE Part #ASA384N0058001K000
627 PLUG, 26-PIN

TE Part #1-2345834-1
NEW MOTOR CONN REC KIT. PF

## Documents

### Product Drawings

PL 250 REC 0.5-2.27 MM2 BR

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170233-1_M.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_170233-1_M.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_170233-1_M.3d_stp.zip

English

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

## Product Specifications

### Crimping of Positive Lock Receptacle Contact

English

### Application Specification

English