

174090-2 ✓ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 174090-2

Receptacle Terminal Housing, 1 Position, Straight, Black, UL 94V-2,  
Nylon 66, Cable Mount (Free-Hanging), Bag, Positive Lock 250

[View on TE.com >](#)



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



Terminal Type: **Receptacle**

Connector & Housing Type: **Plug**

Number of Positions: **1**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-2**

## Features

### Product Type Features

Connector & Contact Terminates To	Wire & Cable
Sealable	No
Connector System	Wire-to-Wire
Connector & Housing Type	Plug

### Configuration Features

Number of Positions	1
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### Body Features

Primary Product Color	Black
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### Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With

### Mechanical Attachment

Mating Alignment	With
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Connector Mounting Type

Cable Mount (Free-Hanging)

### Housing Features

Housing Material

Nylon 66

### Usage Conditions

Operating Temperature Range

-40 – 105 °C[-40 – 221 °F]

### Industry Standards

UL Flammability Rating

UL 94V-2

### Packaging Features

Packaging Quantity

100

Packaging Method

Bag

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)  
 Candidate List Declared Against: JUNE 2025 (250)  
 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 # 172863-1  
250 POSITIVE DBL LOCK 1P



TE Part # 172864-1  
250 POSITIVE DBL LOCK 2P NATUR



TE Part # 170452-1  
PL 250 AM REC 22-20 AWG 0.406 X 21 BR



TE Part # 170456-1  
PL 250 AUTOMOTIVE REC 12-10 0.40 X 21 BR



TE Part # 170454-1  
PL 250 AUTOMOTIVE REC 18-14 0.40 X 21 BR



TE Part # 170452-2  
PL 250 AUTOMOTIVE REC 22-20 AWG PRE TPBR



TE Part # 170456-2  
PL 250 AM REC 12-10 0.40 X 21 PRE-TPBR

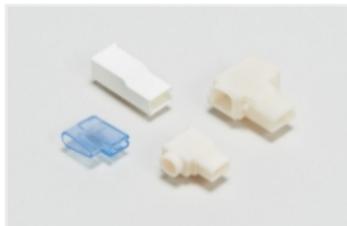


TE Part # 170454-2  
PL 250 AM REC 18-14 0.40 X 21 PRE-TPBR

## 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)

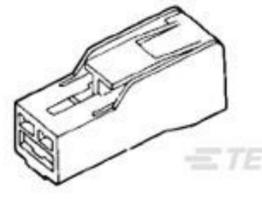
## Customers Also Bought



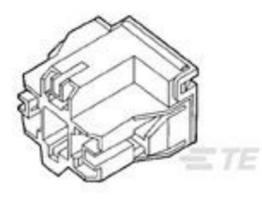
TE Part #CP4904-000  
ES2000-NO.1-C1-0-65MM-SH



TE Part #DT04-3P-E005  
REC, 3P, BLK, N, CAP



TE Part #172320-1  
POSITIVE LOCK 250 (6.3 MM)  
HOUSING



TE Part #172615-2  
POSITIVE LOCK 312 HOUSING  
RECEPTACLE



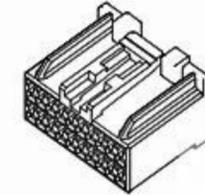
TE Part #184022-1  
2 POS. PLUG ASSY, KEY M, BLACK



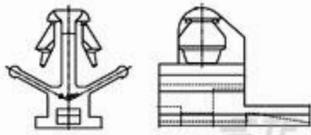
TE Part #1981561-2  
0.50 SERIES CAVITY PLUG



TE Part #2005281-3  
MT3/JPT/SPT HYB 58P PLUG ASSY



TE Part #179057-6  
040 MLC MK-2 PLUG ASSY 20P



TE Part #85003-2  
187 CLIP HSG



TE Part #936187-3  
BULB CONN 3P PLUG ASSY GRAY

## Documents

### Product Drawings

[PL .250 \(6.3 MM\) HOUSING](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_174090-2\\_G\\_c-174090-2-g.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_174090-2\\_G\\_c-174090-2-g.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_174090-2\\_G\\_c-174090-2-g.3d\\_stp.zip](#)

English

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

### Product Specifications



## Crimping of 250 Series, Automotive Positive Lock Receptacle Contact

English

### Application Specification

English

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### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

Japanese