



Positive Lock | Positive Lock 250

TE Internal #: 176497-1

Receptacle, Receptacle, 1 Position, Flag, UL 94V-2, Natural, Nylon 6 /6, Cable Mount (Free-Hanging), Carton, Positive Lock 250, Crimp Terminal Housings

[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: **Flag**  
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          | Receptacle   |

Configuration Features

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

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

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

Mechanical Attachment

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



|                         |                            |
|-------------------------|----------------------------|
| Mating Retention Type   | Positive Lock              |
| Mating Alignment        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                  |           |
|------------------|-----------|
| Housing Material | Nylon 6/6 |
|------------------|-----------|

Usage Conditions

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

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-2                      |

Packaging Features

|                  |        |
|------------------|--------|
| 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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



TE Part # 1743643-9  
Pos Lock 250 Rec Flag Hsg 2P Blk



TE Part # 1743643-1  
Pos Lock 250 Rec Flag Hsg 2P Nat



TE Part # 1743643-6  
Pos Lock 250 Rec Flag Hsg 2P Blu



TE Part # 2013799-1  
250 HSG. PL EX REC. BLACK

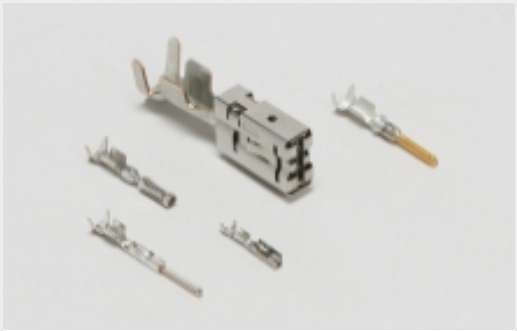


TE Part # 175178-1  
PL EX 250 REC TERMINAL-FLAG 12-10 PTPB

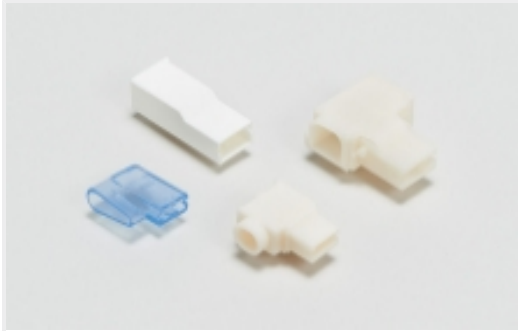


TE Part # 175057-1  
250 PL EX FLAG REC. 18-12AWG PTBR

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(177)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(5)



Quick Disconnects(173)

Customers Also Bought



TE Part #177907-1  
POWER DBL LOCK CAP P/M 3P

TE Part #177899-1  
POWER DBL LOCK PLUG HSG 3P

TE Part #1803019-7  
CRIMPER, INSULATION O

TE Part #1803095-6  
FLOATING SHEAR, FRONT

TE Part #1-174260-1  
ECONO-J MK-2 LOCK PLATE CAP 4P

TE Part #175135-1  
CONTACT 22-18 AWG 0.30 X 17.0 PTKLF-5

TE Part #175057-1  
250 PL EX FLAG REC. 18-12AWG PTBR

TE Part #1-172131-1  
FF 250 CAP HSG 3P NYLON NAT

TE Part #1803293-6  
ANVIL, COMBINATION DEUTCH STYLE

TE Part #171706-1  
FASTON 250 INS POD NYLON NAT

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_176497-1\_M5.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_176497-1\_M5.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_176497-1\_M5.3d\_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals



[UL Report](#)

English

[UL Report](#)

English

[UL Report](#)

English