

176497-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 250](#)

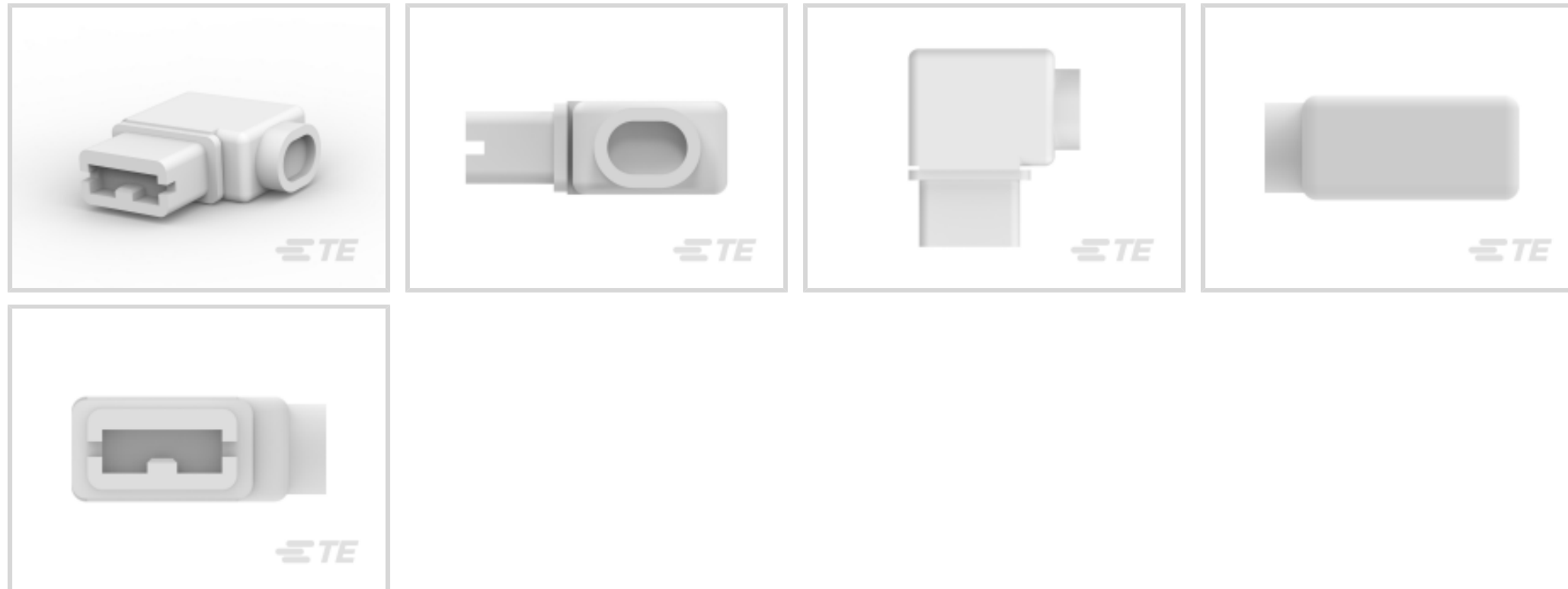
TE Internal #: 176497-1

Crimp Terminal Housings, Receptacle, Receptacle, 1 Position, Flag,  
UL 94V-2, Natural, Nylon 6/6, Contact Mating Retention, Positive  
Lock 250

[View on TE.com >](#)



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



Terminal Type: **Receptacle**

Housing Type: **Receptacle**

Number of Positions: **1**

Terminal Orientation: **Flag**

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

## Features

### Product Type Features

Terminates To	Wire & Cable
Product Type	Terminal Housing
Glow Wire Rating	Standard Part - Not Glow Wire
Sealable	No
Connector System	Wire-to-Wire
Housing Type	Receptacle
Insulated	No

### 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
------------------	------

Crimp Terminal Housing Mounting Style	Cable Mount (Free-Hanging)
---------------------------------------	----------------------------

### Housing Features

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

### Usage Conditions

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

### Industry Standards

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
--	--

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



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



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



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


## Also in the Series | Positive Lock 250



Automotive Terminals(1)




Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Quick Disconnects(189)

## Customers Also Bought



## Documents

### Product Drawings

[POSITIVE LOCK .250 Hsg \(6.3 MM\) V2](#)

English

### 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

### Product Environmental Compliance

[TE Material Declaration](#)

English

### Agency Approvals

[UL Report](#)



English