

1-172075-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 187](#)

TE Internal #: 1-172075-1

Positive Lock 187, Crimp Terminal Housings, Receptacle,  
Receptacle, 3 Position, Straight, UL 94V-0, Natural Housing Color,  
Nylon, Mating Retention

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



Terminal & Splice Type: **Receptacle**

Housing Type: **Receptacle**

Number of Positions: **3**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-0**

## Features

### Product Type Features

Product Type	Terminal Housing
Terminates To	Wire & Cable
Connector System	Wire-to-Board, Wire-to-Wire
Housing Type	Receptacle
Sealable	No
Insulated	No

### Configuration Features

Number of Positions	3
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### Body Features

Housing Color	Natural
Mating Retention	With
Mating Alignment	With

### Contact Features

Terminal & Splice Type	Receptacle
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Terminal Orientation	Straight
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**Mechanical Attachment**

Mating Alignment Type	Polarization
Mounting Style	Cable Mount (Free-Hanging)

**Housing Features**

Housing Material	Nylon
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**Dimensions**

Centerline	6 mm [.236 in]
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**Usage Conditions**

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

UL Flammability Rating	UL 94V-0
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**Packaging Features**

Packaging Quantity	1000
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**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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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

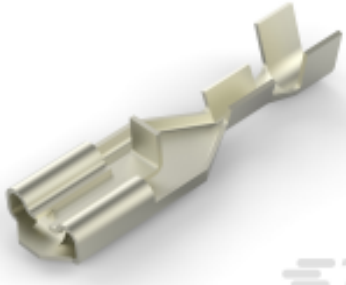

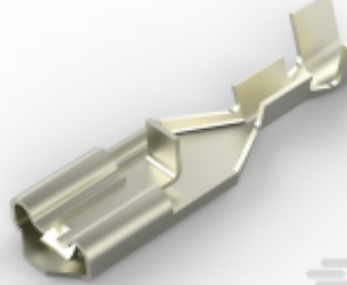
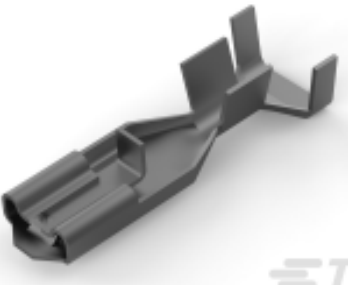
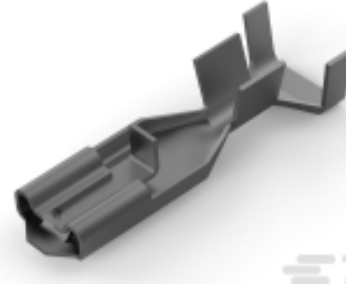
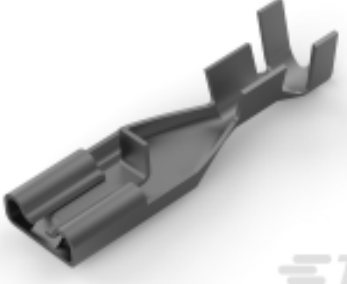

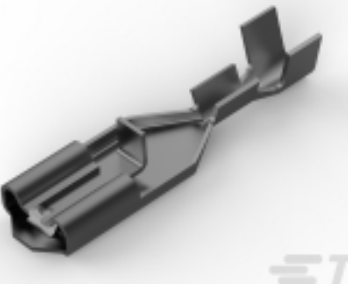
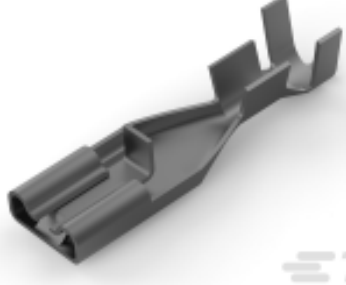
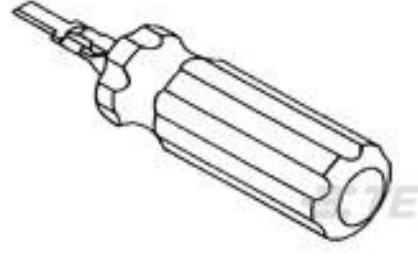

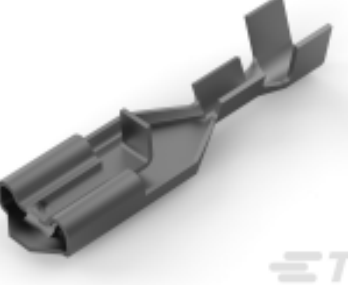
Product Compliance Disclaimer

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

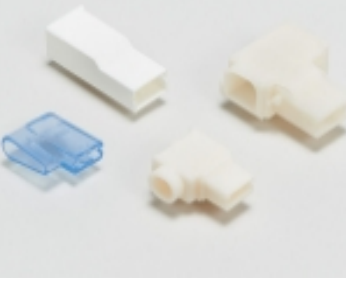




numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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>

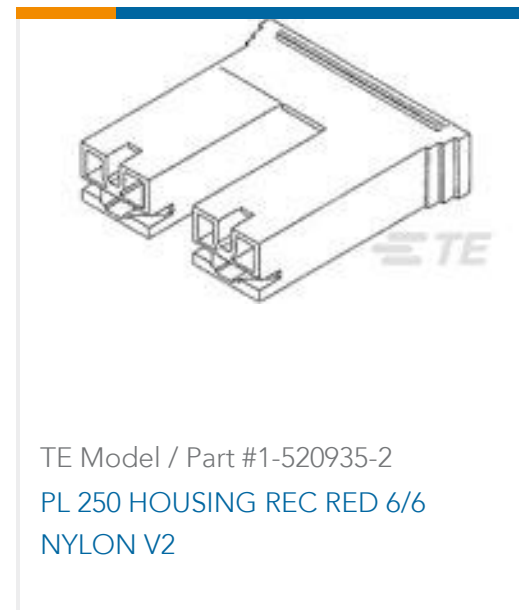
## Compatible Parts

 <p>TE Model / Part # 170330-2 PL 187 RECEPTACLE 24-20 AWG NPPHBZ</p>	 <p>TE Model / Part # 170332-1 PL 187 RECEPTACLE 18-14 AWG PTPBR</p>	 <p>TE Model / Part # 170324-2 PL 187 RECEPTACLE 24-20 AWG 0.3 NPCU</p>	 <p>TE Model / Part # 170326-1 PL 187 REC 18-14 AWG 0.3 X 14.0 PTPBR</p>
 <p>TE Model / Part # 170326-5 PL 187 REC 18-14 AWG 0.3 X 14.0 PTPPHBZ</p>	 <p>TE Model / Part # 170325-5 PL 187 RECEPTACLE 20-16 AWG 0.3 PTPPHBZ</p>	 <p>TE Model / Part # 173724-1 PL EX 187 REC 20-14AWG BR</p>	 <p>TE Model / Part # 170324-1 POSITIVE LOCK 187 REC 24-20AWG 0.3 PTPBR</p>
 <p>TE Model / Part # 170325-1 187 PL MII REC. 20-16 AWG 0.3 PTPBR</p>	 <p>TE Model / Part # 724659-1 EXT TOOL FOR POSITIVE .187</p>	 <p>TE Model / Part # 170331-1 PL MKII 187 REC 20-16AWG PTBR LP</p>	 <p>TE Model / Part # 170330-1 PL MKII 187 REC 24-20AWG PTBR LP</p>

## Also in the Series | Positive Lock 187

 <p>Crimp Terminal Housings(89)</p>	 <p>Insulation Boots &amp; Sleeves(9)</p>	 <p>Quick Disconnects(54)</p>
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## Customers Also Bought



## Documents

### Product Drawings

[3 POS PL 187\(4.8 MM\) HOUSING NATURAL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-172075-1\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-172075-1\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-172075-1\\_N.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages



### **FASTON Housings**

English

### **Positive Lock Receptacles**

English

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### **Product Specifications**

#### **Application Specification**

English

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### **Product Environmental Compliance**

[MD\\_1-172075-1\\_06062018627\\_dmtec](#)

English

[MD\\_1-172075-1\\_06062018627\\_dmtec](#)

English

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### **Agency Approvals**

#### **UL Report**

English