

170327-1 ✓ ACTIVE

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

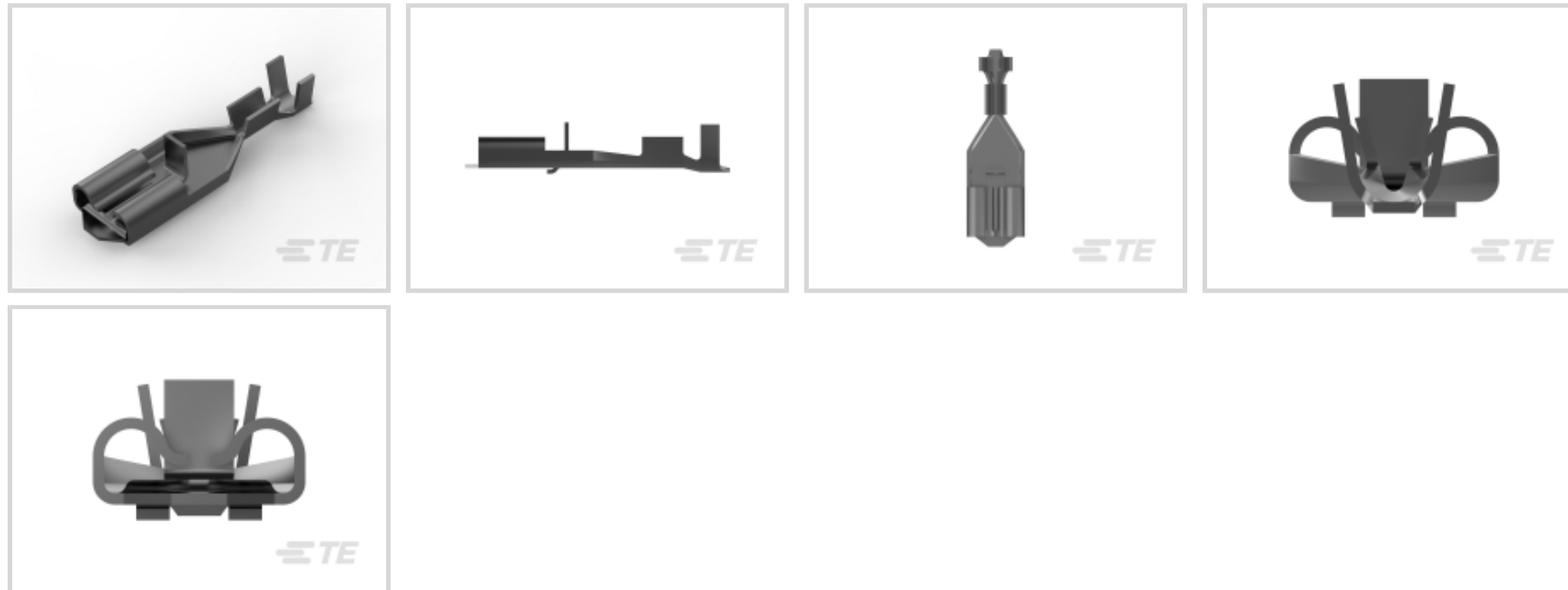
TE Internal #: 170327-1

Positive Lock 250, Quick Disconnects, Receptacle, 22 – 18 AWG  
Wire Size, .32 – .82 mm<sup>2</sup> Wire Size, Mating Tab Width .25 in [6.35  
mm], Straight, Brass

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 in]

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

## Features

### Product Type Features

Terminates To	Wire & Cable
Wire Stop	No
Wire/Cable Type	Regular Wire
Sealable	No

### Configuration Features

Connection Capacity	Single
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### 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	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Accepts Wire Insulation Diameter Range	1.5 – 3.1 mm [.059 – .122 in]
Overall Length	25.8 mm [1.01 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	.32 – .82 mm <sup>2</sup>

### Usage Conditions

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

### Packaging Features

Packaging Quantity	4000
Packaging Method	Strip/Reel

### Other

Comment	Air-feed Applicator should be used.
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

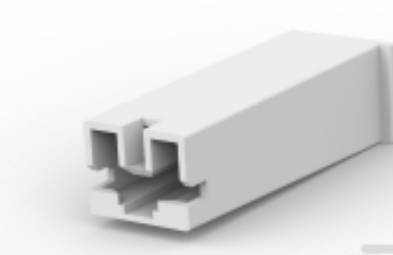
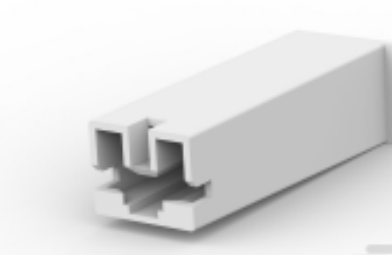


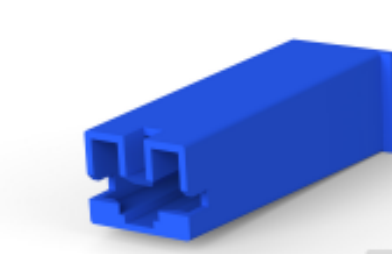
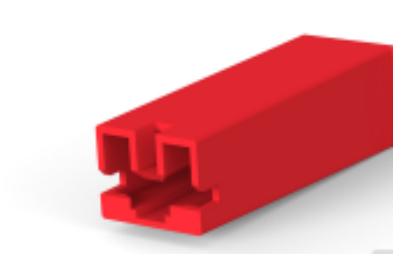
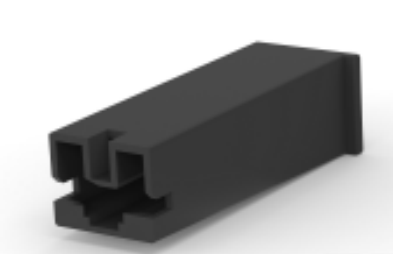
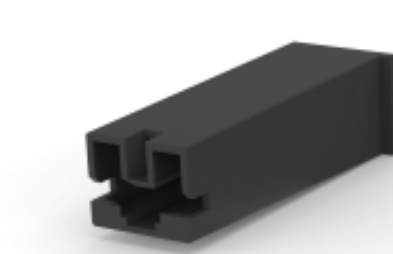


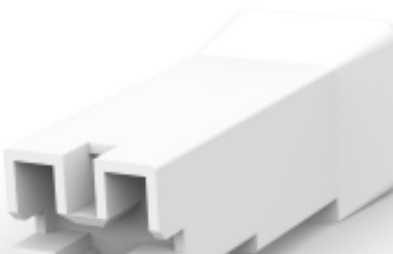
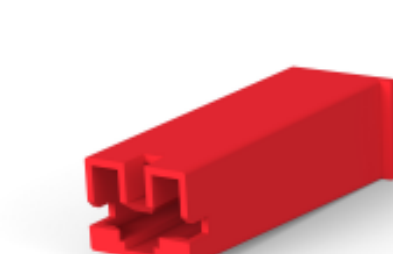

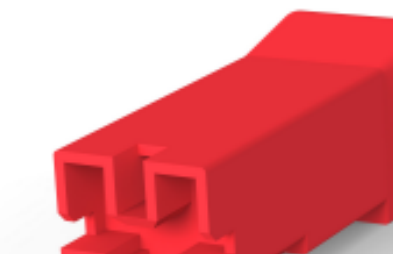
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not 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

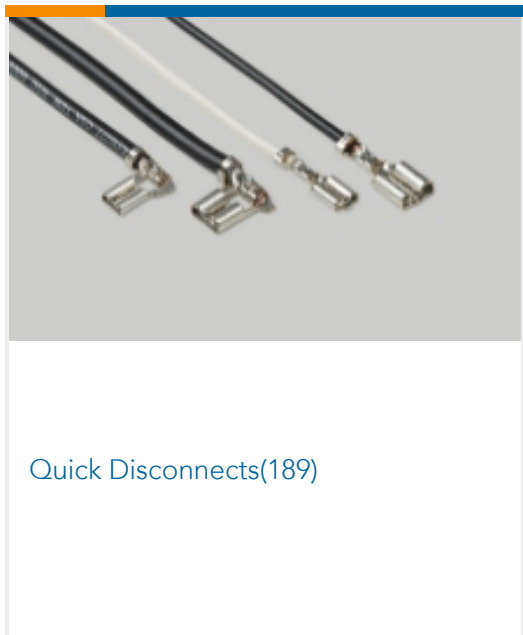
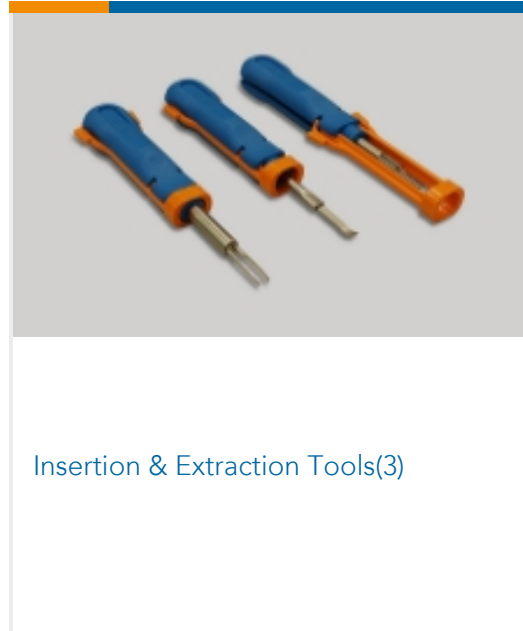
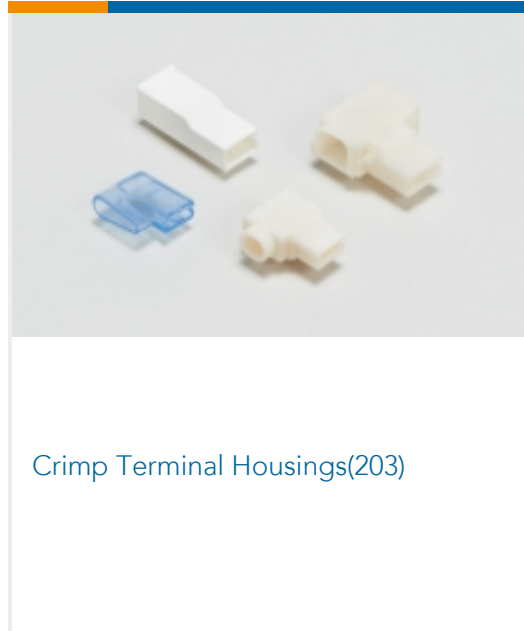
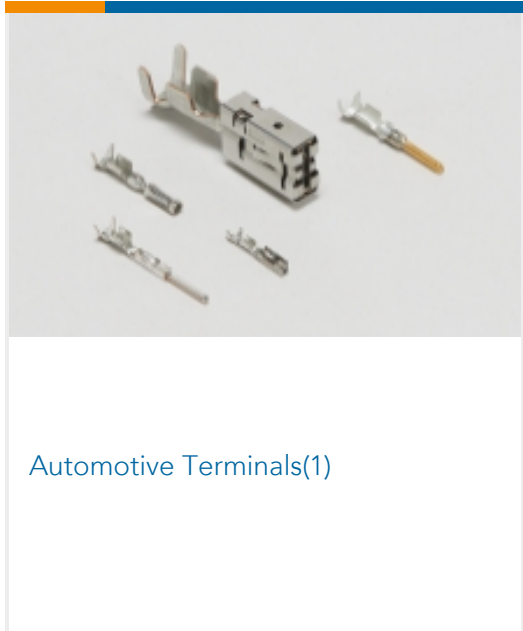
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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

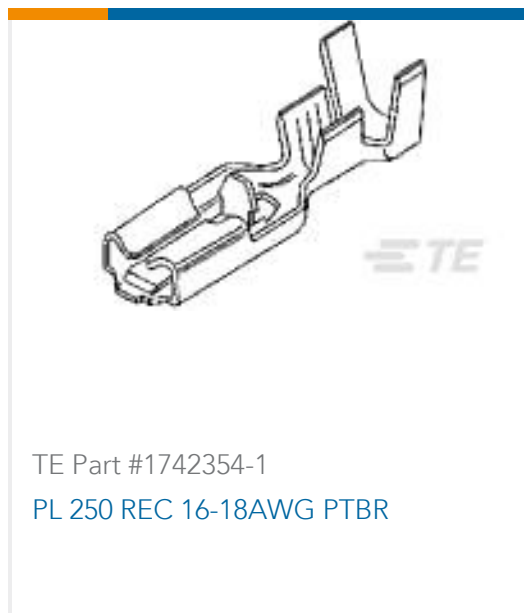
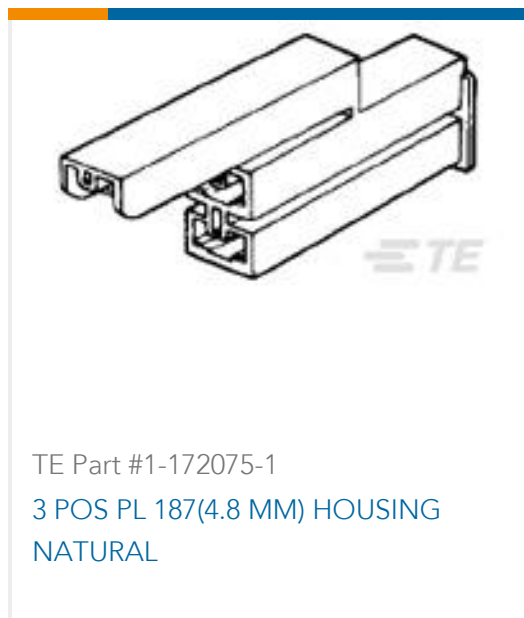
 <p>TE Part # 172076-6 POSITIVE LOCK 250 HOUSING RECEPTACLE</p>	 <p>TE Part # 172076-1 POSITIVE LOCK 250 HOUSING RECEPTACLE</p>	 <p>TE Part # 2-172076-1 250 HSG. PL MKII REC. NAT</p>	 <p>TE Part # 1969864-1 2P, 250 SERIES, POSITIVE LOCK MARK II</p>
 <p>TE Part # 2-521229-1 PL EXII &amp; FASTON 250 HSG 2P NAT</p>	 <p>TE Part # 724659-2 EXT TOOL FOR POSITIVE .250</p>	 <p>TE Part # 2-172076-6 PL 250 REC HSG 1P NYLON BLUE</p>	 <p>TE Part # 2-172076-7 POSITIVE LOCK 250 HOUSING RECEPTACLE</p>
 <p>TE Part # 172076-2 PL MKII 250 REC HSG 1P NYLON BLACK</p>	 <p>TE Part # 2-172076-2 POSITIVE LOCK 250 HOUSING RECEPTACLE</p>	 <p>TE Part # 178833-1 POSITIVE LOCK .250 HOUSING RECEPTACLE</p>	 <p>TE Part # 521229-1 PL 250 HOUSING RECEPTACLE NYLON 6/6</p>
 <p>TE Part # 177627-1 PL .250 (6.3 MM) HOUSING RECEPTACLE</p>	 <p>TE Part # 172076-7 PL MKII 250 REC HSG 1P NYLON RED</p>	 <p>TE Part # 174429-1 PL 250 HOUSING RECEPTACLE</p>	 <p>TE Part # 177627-7 PL .250 (6.3 MM) HOUSING RECEPTACLE</p>

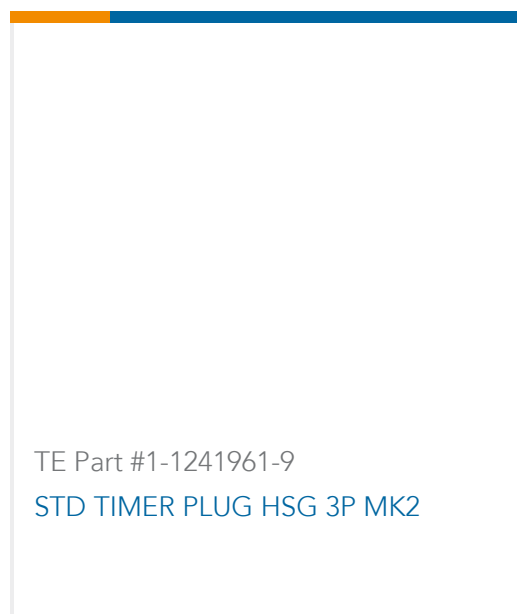


## Also in the Series | Positive Lock 250



## Customers Also Bought





## Documents

### Product Drawings

250 PL MKII REC. 22-18AWG PTBR

Japanese

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_170327-1\_V1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_170327-1\_V1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_170327-1\_V1.3d\_stp.zip

English

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

### Datasheets & Catalog Pages

Positive Lock Receptacles

English

POS\_LOCK\_MII\_QRG

English

### Product Specifications

Application Specification

English

### Product Environmental Compliance

MD\_170327-1\_053120181023\_dmtec

English

MD\_170327-1\_053120181023\_dmtec

English

### Instruction Sheets

Instruction Sheet (non U.S.)



English

**AMP\* POSITIVE LOCK CONNECTOR**

English

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**Agency Approvals**

**Agency Approval Document**

English