

175024-1 ✓ ACTIVE

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

TE Internal #: 175024-1

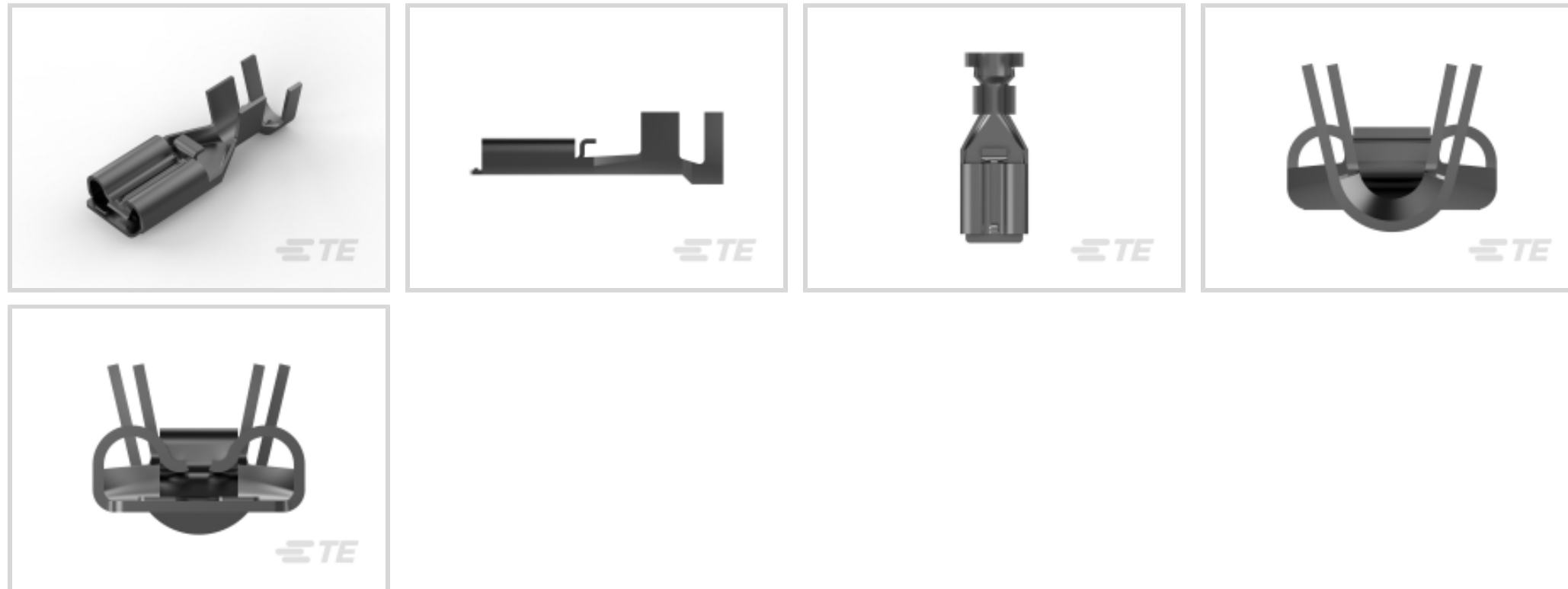
Positive Lock 250, Quick Disconnects, Receptacle, 15 – 10 AWG

Wire Size, 1.65 – 5.26 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: 1.65 – 5.26 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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### Electrical Characteristics

Voltage (Max)	250 V
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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
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Crimp Type	F-Crimp
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Barrel Type	Open
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Accepts Wire Insulation Diameter Range	3 – 5.1 mm [.118 – .2 in]
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Overall Length	21.2 mm [.834 in]
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Receptacle Terminal Stock Thickness	.41 mm [.016 in]
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Wire Size	1.65 – 5.26 mm <sup>2</sup>
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### Usage Conditions

Insulation Requirement	Fully Insulated
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Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]
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### Packaging Features

Packaging Quantity	4000
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Packaging Method	Strip/Reel
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # 2232343-1  
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part # 175022-2  
250 POSITIVE REC EX MK-2



TE Part # 2-2150062-2  
OCEAN\_2.0\_Applicator-E-150F220F



TE Part # 2150062-2  
OCEAN\_2.0\_Applicator-E-150F220F



TE Part # 2232343-2  
250 PL EX FLAG REC. 18-12AWG PTBR FLAT



TE Part # 2376579-2  
250 FASTON PCB TAB TPBR



TE Part # 2376582-2  
250 FASTON PCB TAB TPBR



TE Part # 2376591-2  
250 FASTON PCB TAB TPBR



TE Part # 2376595-2  
250 FASTON PCB TAB TPBR



TE Part # 2391865-1  
POSITIVE LOCK 250 (6.3 MM) SLEEVE



TE Part # 2391865-2  
250 sleeve PL YELLOW transparent



TE Part # 7-2150062-2  
OCEAN\_2.0\_Applicator-E-150F220F



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2150062-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-150F220F



TE Part # 174817-1  
POSITIVE LOCK 250 (6.3 MM) SLEEVE



TE Part # 174817-2  
250 sleeve PL YELLOW transparent



TE Part # 2376591-3  
250 FASTON PCB TAB TPBR LP

## Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)

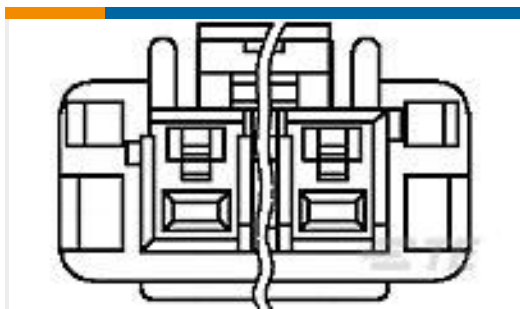


Insulation Boots & Sleeves(4)



Quick Disconnects(189)

## Customers Also Bought



TE Part #1376393-1  
5MM POWER KEY 6P PLUG HSG NUT



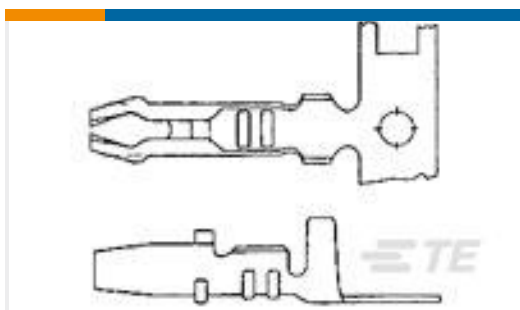
TE Part #179861-1  
AMP POWER D/LOCK PLUG HSG 4P



TE Part #175057-2  
250 PL EX FLAG REC. 18-12AWG PTBR



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



TE Part #170338-1  
AMP-IN 22-18 AWG



TE Part #3-292236-0  
1.5 MINI CT DC DRAWER REC ASSY



TE Part #176271-6  
AMP UNIVERSAL POWER PLUG 2P

## Documents

### Product Drawings

[250 PL EX REC. 15-10AWG PTBR](#)

Japanese

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_175024-1\\_G.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_175024-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_175024-1\\_G.3d\\_stp.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_175024-1\\_053120182141\\_dmtec](#)

English

[MD\\_175024-1\\_053120182141\\_dmtec](#)

English

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### Instruction Sheets

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

English

[POSITIVE LOCK EX CONTACT](#)

English

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### Agency Approvals

[Agency Approval Document](#)

English