



Positive Lock | Positive Lock 250

TE Internal #: 175023-1

Quick Disconnect Receptacle, 18 – 14 AWG, .82 – 2.08 mm<sup>2</sup> Wire, 6.35 mm [.25 in] Tab Width, Straight, Brass, Pre-Tin Plating, Positive Lock 250

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .82 – 2.08 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 in]

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

**Features**

**Industry Standards**

Compatible With Agency/Standards Products	UL
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**Termination Features**

Product Terminates To	Wire & Cable
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**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

**Mechanical Attachment**

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

**Packaging Features**

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

**Dimensions**



Product Length	21.2 mm[.834 in]
Compatible Insulation Diameter Range	2.21 – 3.4 mm[.087 – .134 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.82 – 2.08 mm <sup>2</sup>

### Product Type Features

Insertion Force	Low
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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

### Usage Conditions

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

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 175022-2  
250 POSITIVE REC EX MK-2



TE Part # 234619-1  
DAHT P L EX & EX II 18-14 ASSY



TE Part # 2376579-2  
250 FASTON PCB TAB TPBR



TE Part # 2376595-2  
250 FASTON PCB TAB TPBR



TE Part # 2376591-2  
250 FASTON PCB TAB TPBR



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

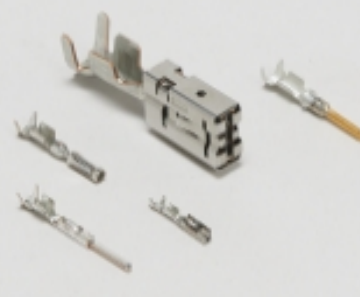


TE Part # 2232343-1  
250 PL EX FLAG REC. 18-12AWG PTBR

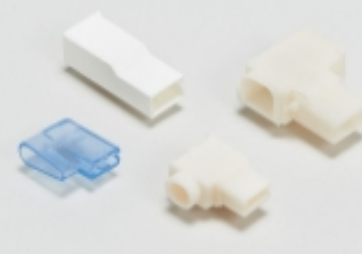


TE Part # 2376582-2  
250 FASTON PCB TAB TPBR


## Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(182)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(5)



Quick Disconnects(174)

## Customers Also Bought

TE Part #2822393-1  
070 ECONOSEAL MARK-2+ PLUG 8PTE Part #174983-7  
8 POS DL PLATE FOR PLUG MKII+TE Part #CAT-D9934-A75  
DYNAMIC 3000 CONTACTTE Part #170038-2  
187 FASTON, REC., 20-16 AWG, TPBRTE Part #CAT-HST-VERSAFITV2  
Versafit-V2 Heat Shrink TubingTE Part #1-179552-3  
DYNAMIC D-3200 WTW TAB HSG 3PTE Part #172495-1  
MIC MK-II PLUG HSG 7P NATURALTE Part #60620-1  
CMNL PIN 20-14 TPBR L/P

## Documents

### Product Drawings

[PL 250 RECEPTACLE 18-14 AWG PTBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_175023-1\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_175023-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_175023-1\\_O.3d\\_stp.zip](#)

English

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**Product Specifications**

**Application Specification**

English

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**Instruction Sheets**

**Instruction Sheet (non U.S.)**

English

**POSITIVE LOCK EX CONTACT**

English