

85033-1 ✓ ACTIVE

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

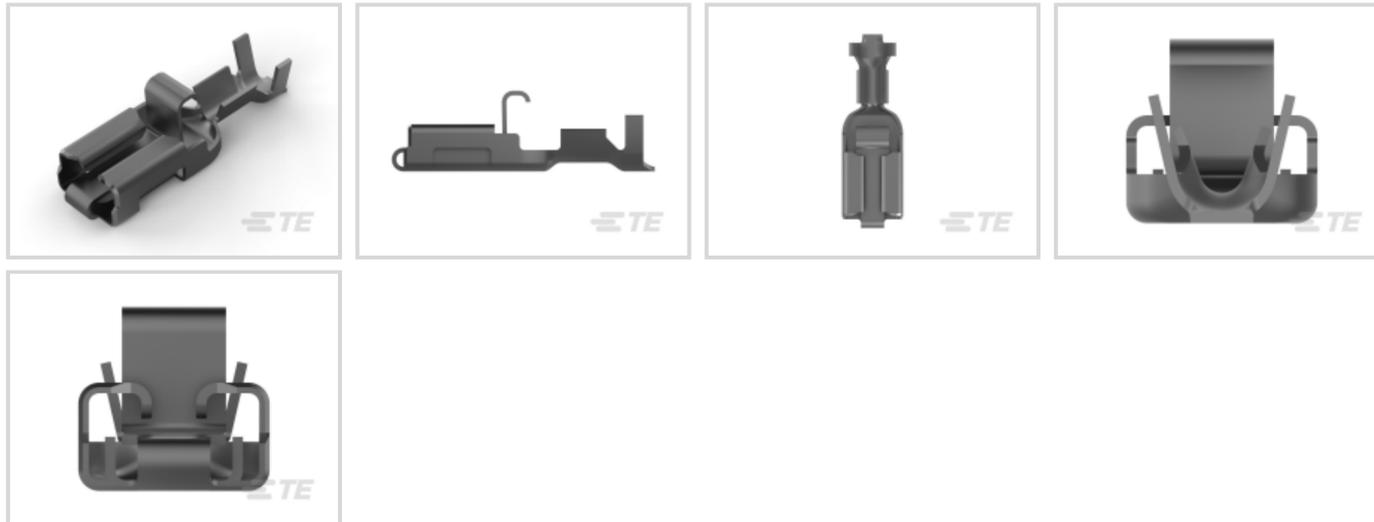
TE Internal #: 85033-1

Quick Disconnect Receptacle, Uninsulated, 20 – 14 AWG, .51 – 2.08 mm<sup>2</sup> Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, Brass, Positive Lock 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 2.08 mm<sup>2</sup>**

Mating Tab Width: **6.35 mm [.25 in]**

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

## Features

### Product Type Features

Insertion Force	Normal
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### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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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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Mating Retention Type	Dimple
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Extraction Force	.7 – 10.2 kgf
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### Dimensions

Product Length	22.1 mm [.87 in]
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Compatible Insulation Diameter Range	2.1 – 3.4 mm [.082 – .134 in]
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Terminal Material Thickness	.41 mm [.016 in]
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Wire Size	.51 – 2.08 mm <sup>2</sup>
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### Usage Conditions

Insulation Option	Uninsulated
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### Industry Standards

Compatible With Agency/Standards Products	UL
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### Packaging Features

Packaging Quantity	2000
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Packaging Method	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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

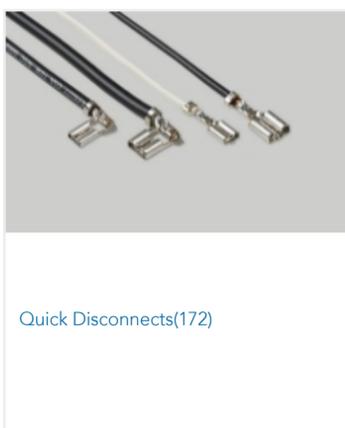
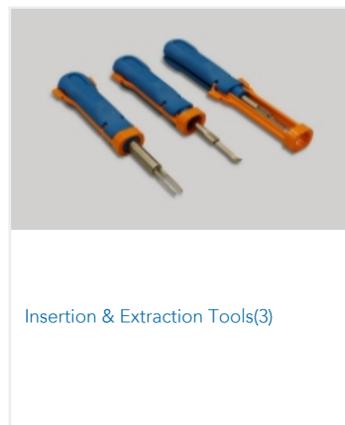
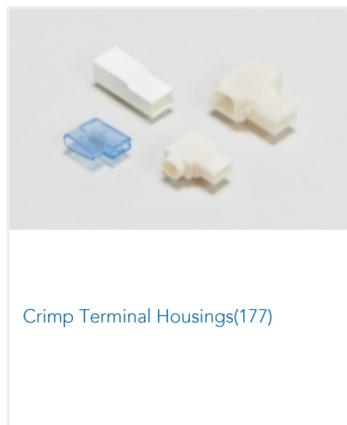
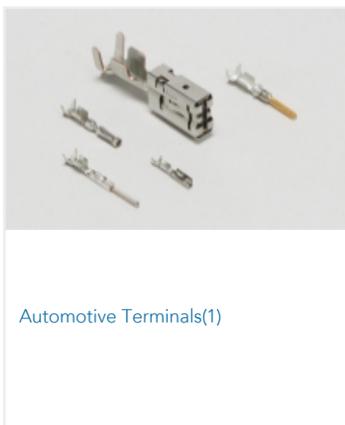
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



## Also in the Series | Positive Lock 250



## Customers Also Bought





TE Part #2188501-1  
LIF HYB 80P CAP ASSY NAT



TE Part #2188516-1  
025/060/250 LIF 41P CAP ASSY



TE Part #CAT-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING



TE Part #2-936429-2  
HYBRID 42P CAP ASSY BLK



TE Part #2109272-1  
025/060/250 HYB 22P PLUG ASSY

## Documents

### Product Drawings

#### 250 P.LOCK REC

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_85033-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_85033-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_85033-1\\_B.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