

85033-1 ✓ ACTIVE

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

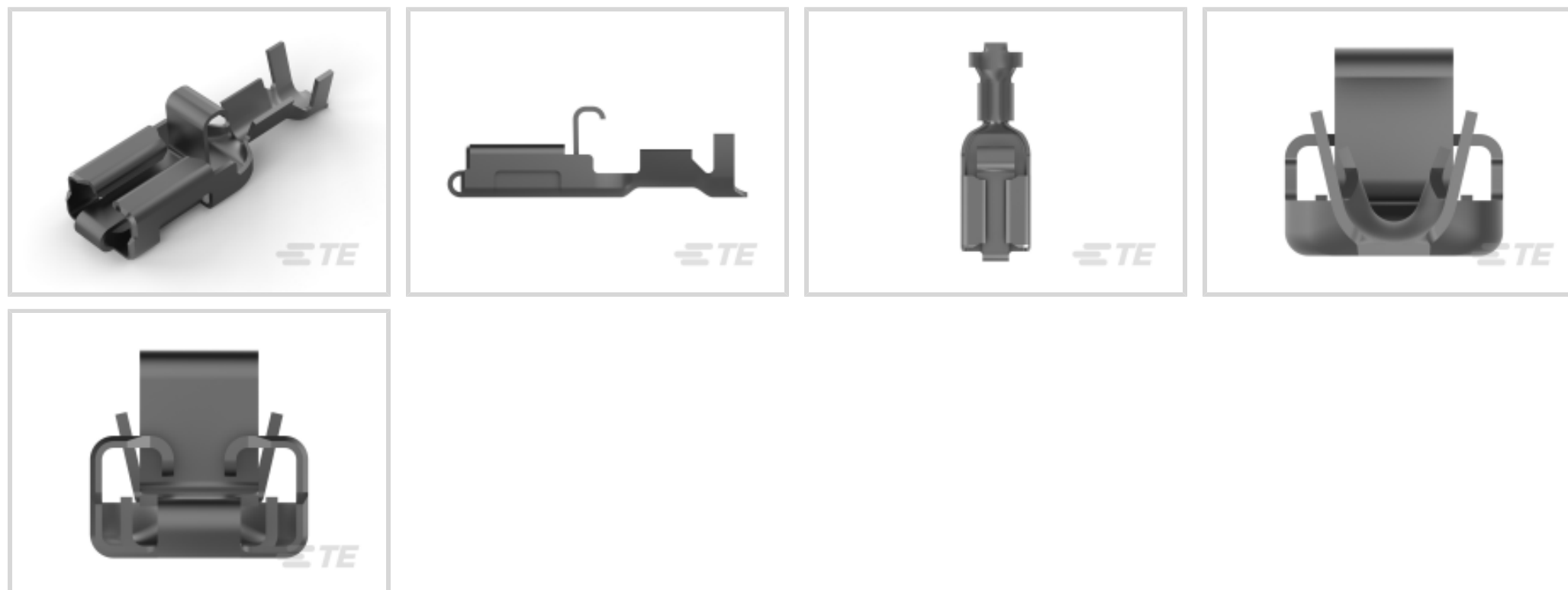
TE Internal #: 85033-1

Quick Disconnects, Receptacle, 20 – 14 AWG Wire Size, .51 – 2.08 mm<sup>2</sup> Wire Size, Mating Tab Width .25 in [6.35 mm], 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

Wire Stop	No
Wire/Cable Type	Discrete Wire
Insertion Force	Normal

### 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

Mating Retention Type	Dimple
Extraction Force	7 – 100 Newton



Wire Insulation Support	With
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### Dimensions

Accepts Wire Insulation Diameter Range	2.1 – 3.4 mm [.082 – .134 in]
Overall Length	22.1 mm [.87 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	.51 – 2.08 mm <sup>2</sup>

### Usage Conditions

Insulation Option	Uninsulated
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### Industry Standards

UL Rating	Recognized
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### Packaging Features

Packaging Quantity	2000
Packaging Method	Reel

### 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

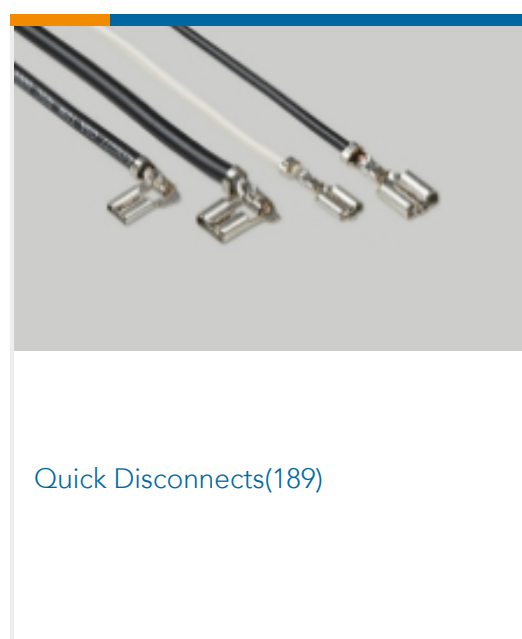
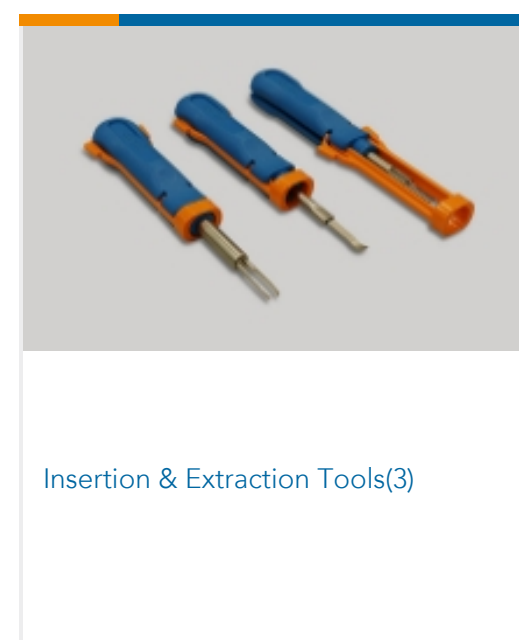
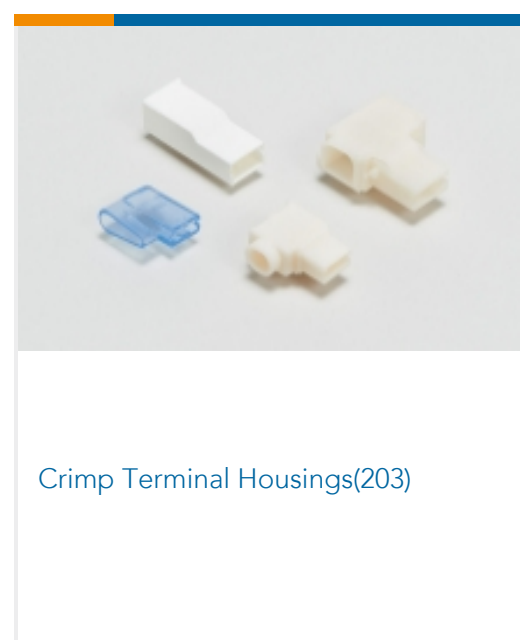
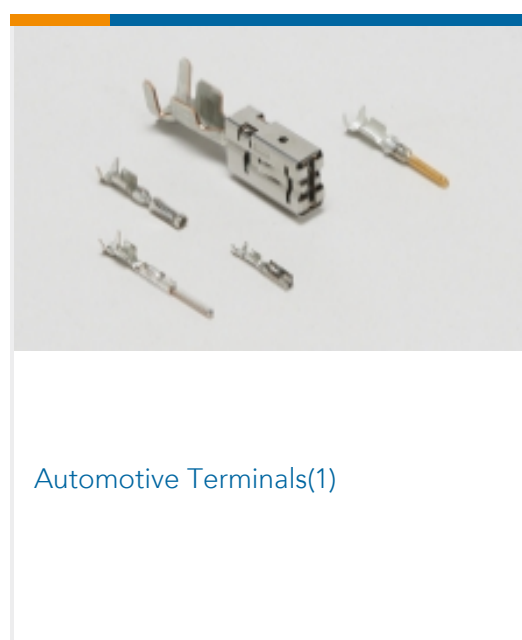
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

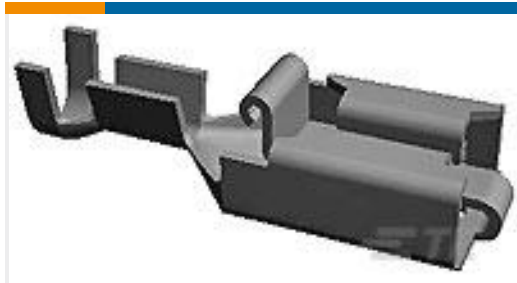
## Compatible Parts



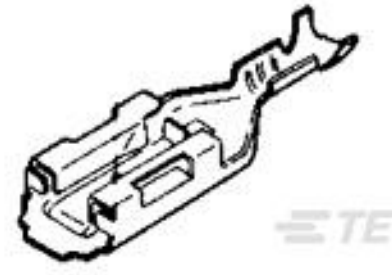
## Also in the Series | Positive Lock 250



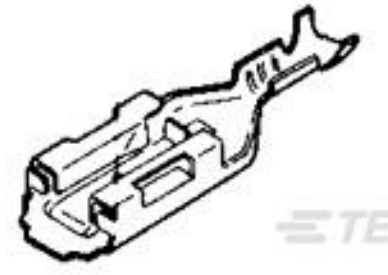
## Customers Also Bought



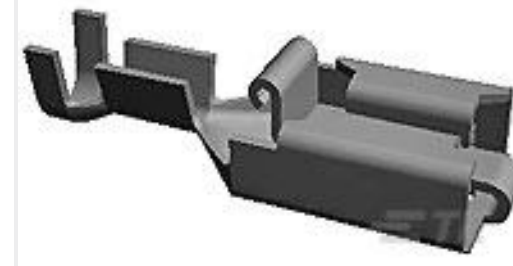
TE Part #790319-5  
PL RECEPTACLE 3.3-6 MM2 TPPHBZ



TE Part #170456-1  
PL 250 AUTOMOTIVE REC 12-10 0.40 X 21 BR



TE Part #170452-1  
PL 250 AM REC 22-20 AWG 0.406 X 21 BR



TE Part #927854-1  
PL 250 REC TERMINAL 17-13 AWG BR



TE Part #62553-1  
FF 250 TAB 22-18AWG BR



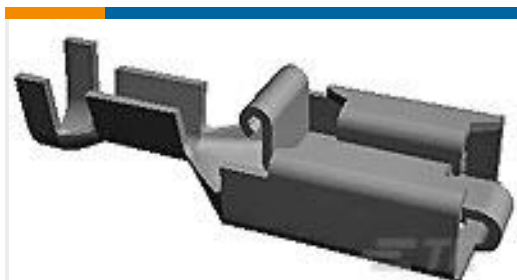
TE Part #6-1393250-1  
W28-XT1A-0.50=W28



TE Part #160859-1  
FF 250 TAB 0.5-1.0MM2 BR



TE Part #5-1393250-5  
W28-XTBA-3=W28



TE Part #341001-3  
PL 250 REC TERMINAL 13-11 TPBR LP

## 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

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## Product Specifications



## Application Specification

English