

170233-1 ✓ ACTIVE

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

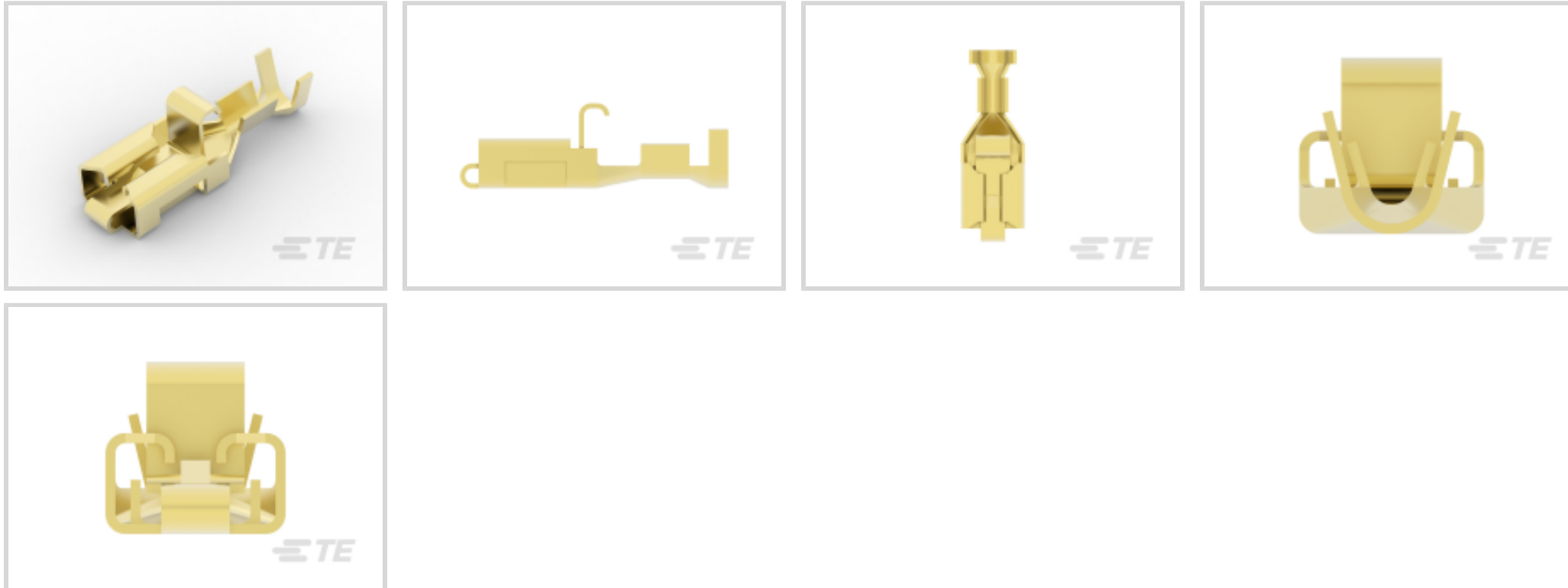
TE Internal #: 170233-1

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

[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	Low
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### Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

### 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	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
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Mating Retention Type	Dimple
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### Dimensions

Terminal Material Thickness	.41 mm[.016 in]
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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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Wire Size	.51 – 2.08 mm <sup>2</sup>
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### Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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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	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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 171810-2  
POSITIVE LOCK HOUSING RECEPTACLE



TE Part # 171809-2  
POSITIVE LOCK (PL) HOUSING



TE Part # 171809-1  
POSITIVE LOCK (PL) HOUSING



TE Part # 1380089-1  
PL MKIII .250 REC 1.0-2.5MM2



TE Part # 1380088-1  
PL MKIII .250 REC 0.5-1.0MM2



TE Part # 2836398-2  
OCEAN\_2.0\_Applicator-S-110F180F-RSA




TE Part # 7-2836398-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-110F180F

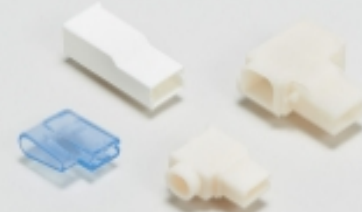


TE Part # 752940-1  
CRIMPING JAW HEAD ASSY


## Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(190)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Quick Disconnects(185)

### Customers Also Bought



TE Part #6-1393211-5  
T92P7D12-12



TE Part #8-1879352-0  
RR02 5% 620R AMMO



TE Part #1-2308273-2  
QL-SET VARA W/STP MO FOR  
COMBLOCK 440UNC



TE Part #5-1418760-3  
MCON 1.2 LL TAB STC AG



TE Part #2301724-6  
16POS,060 SERIES,REC HSG,UNSLD



TE Part #2411977-1  
COVER,CSJ1800 HEADER 2WAY



TE Part #HPP815W539  
HTG3535W10G26CH



TE Part #2408247-1  
32POS,MQS,REC INNER HSG,UNSLD



TE Part #2408249-2  
40POS,MQS,REC OUTER HSG,UNSLD



TE Part #2408230-2  
32POS,MQS,REC OUTER HSG,UNSLD

### Documents

#### Product Drawings

[PL 250 REC 0.5-2.27 MM2 BR](#)

English

#### CAD Files

[3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170233-1\\_M.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170233-1\\_M.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170233-1\\_M.3d\\_stp.zip](#)

English

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

## Product Specifications

[Crimping of Positive Lock Receptacle Contact](#)

English

[Application Specification](#)

English