



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

TE Internal #: 160759-2

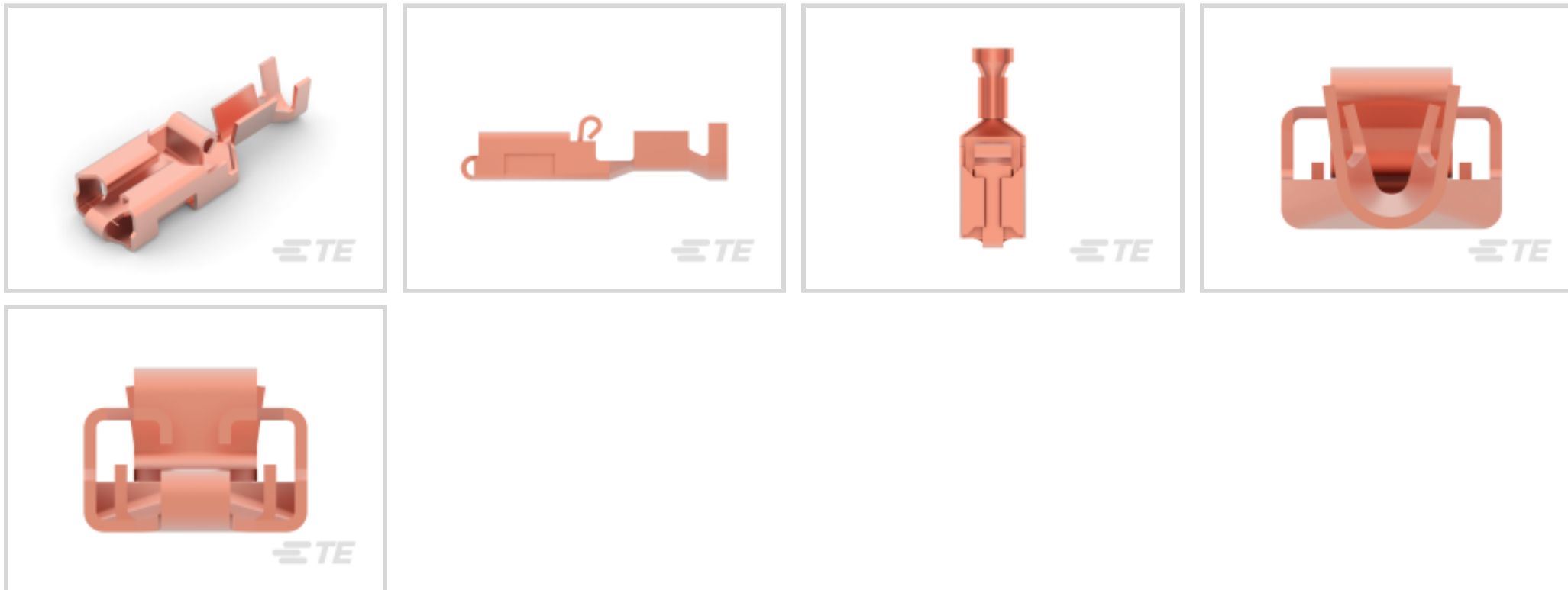
Positive Lock 250, Quick Disconnects, Receptacle, 20 – 15AWG

Wire Size, .51 – 1.65mm<sup>2</sup> Wire Size, Quick Disconnect Mating Tab

Width 6.35 mm [.25 in]

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: .51 – 1.65 mm<sup>2</sup>

Quick Disconnect Mating Tab Width: 6.35 mm [.25 in]

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

## Features

### Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Low
Sealable	No
Insulated	No

### Configuration Features

Connection Capacity	Single
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### Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Unplated

### Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle

Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
Crimp Type	F-Crimp
Barrel Type	Open

### Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	7 – 100 Newton
Wire Insulation Support	With

### Dimensions

Accepts Wire Insulation Diameter Range	2.3 – 3.3 mm [.09 – .13 in]
Overall Length	22.3 mm [.88 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	.51 – 1.65 mm <sup>2</sup>
Quick Disconnect Mating Tab Width	6.35 mm [.25 in]
Quick Disconnect Mating Tab Thickness	.81 mm [.032 in]

### Usage Conditions

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

### Industry Standards

UL Rating	Recognized
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### Packaging Features

Packaging Quantity	5100
Quick Disconnect Packaging Method	Strip/Reel

### Other

Comment	FLK-Wire: Normal Wire
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### 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: JAN 2021  
(211)  
Candidate List Declared Against: JAN 2021  
(211)  
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 # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 654174-1  
POS.LOCK HANDTOOL



TE Part # 216331-2  
.250 POS.LOCK L.I.F



TE Part # 626581-1  
PL 250 REC 0.5-1.5 MM2 0.35X 26.54 BR



TE Part # 2-2151182-2  
OCEAN\_2.0\_APPLICATOR-S-090F130F



TE Part # 2-2836571-2  
OCEAN\_2.0\_Applicator-S-090F130OV



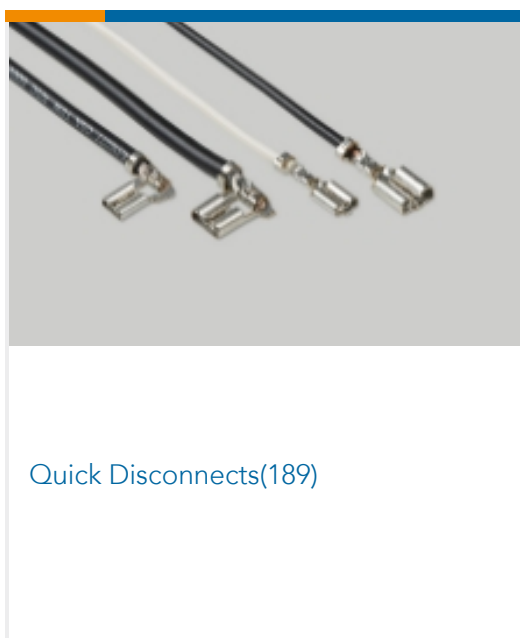
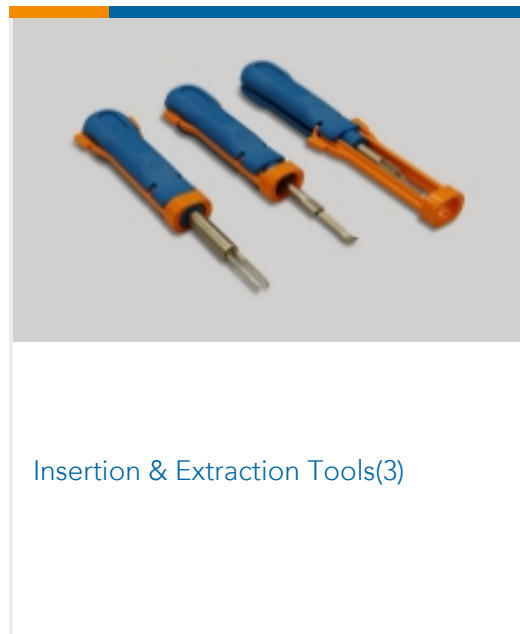
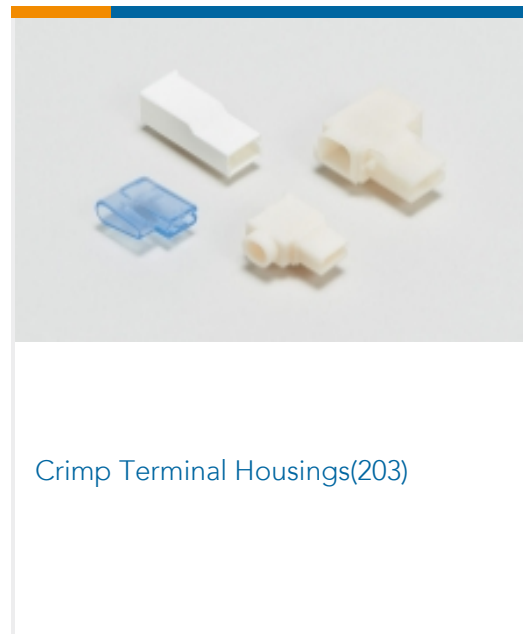
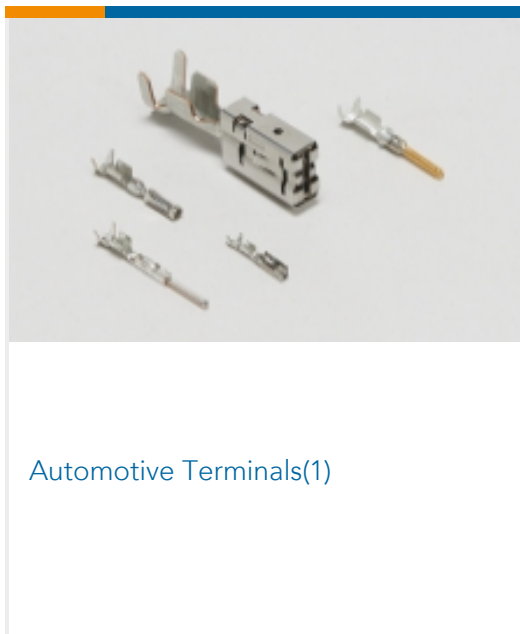
TE Part # 2151182-2  
OCEAN\_2.0\_APPLICATOR-S-090F130F



TE Part # 2836571-2  
OCEAN\_2.0\_Applicator-S-090F130OV



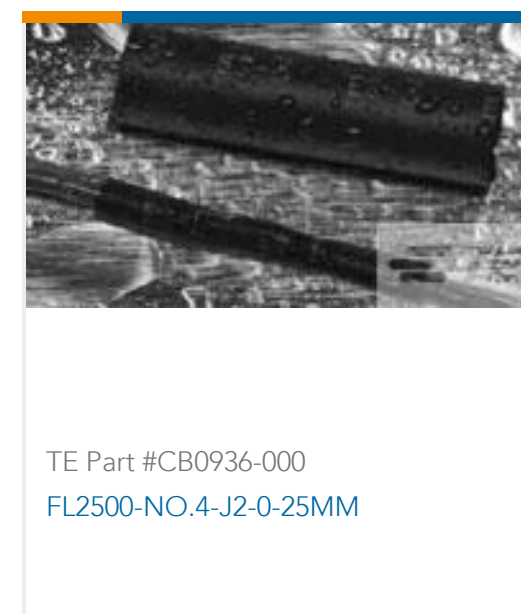
Also in the Series | Positive Lock 250



Customers Also Bought







## Documents

### Product Drawings

[PL 250 TERMINAL REC 0.5-1.5 MM2 PHBZ](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_160759-2\\_AL.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_160759-2\\_AL.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_160759-2\\_AL.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[1654742\\_HOUSEHOLD\\_APPLIANCES\\_RAST5](#)

English

### Product Specifications

[EB\\*\\*General Application Specification for Open Barrel Terminals](#)

English

[Application Specification](#)

English



## AMP positive lock MKI rec. terminal with latching device

### Application Specification

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### Agency Approvals

UL

English