

172763-1 ✓ ACTIVE

Positive Lock | Positive Lock 250

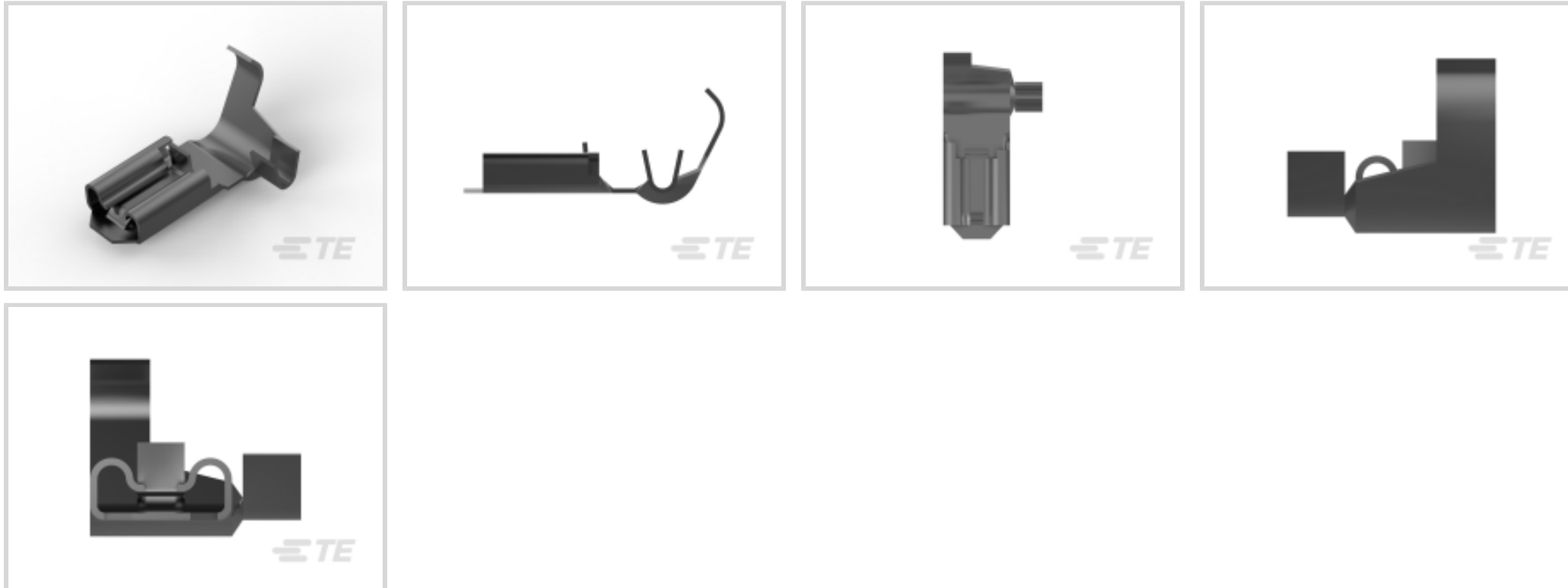
TE Internal #: 172763-1

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm<sup>2</sup> Wire Size, Mating Tab Width .25 in [6.35 mm], Flag, Brass, Positive Lock 250

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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

### Product Type Features

Terminates To	Wire & Cable
Wire Stop	No
Wire/Cable Type	Regular Wire
Sealable	No

### Configuration Features

Connection Capacity	Single
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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	Flag
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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### Dimensions

Accepts Wire Insulation Diameter Range	2.8 – 5.2 mm [.11 – .208 in]
Overall Length	21.6 mm [.85 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	.82 – 2.08 mm <sup>2</sup>

### Usage Conditions

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

### Packaging Features

Packaging Quantity	2000
Packaging Method	Strip/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: JUNE 2022 (224) 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 # 172469-1  
POSITIVE LOCK 250 (6.3 MM)  
HOUSING



TE Part # 1-172469-2  
PL 250 (6.3 MM) HOUSING BLUE 6/6  
NYLON



TE Part # 1-172469-1  
PL 250 HOUSING NATURAL 6/6  
NYLON



TE Part # 172469-8  
PL MKII 250 REC HSG 1P NYLON  
BLCAK FLAG



TE Part # 1855184-1  
HDM w/FA EAPR110F1700 LM & G



TE Part # 1855184-2  
HDM w/FA EAPR110F1700 K



TE Part # 2-2150856-2  
OCEAN\_2.0\_Applicator-E-110F1730



TE Part # 2150856-2  
OCEAN\_2.0\_Applicator-E-110F1730

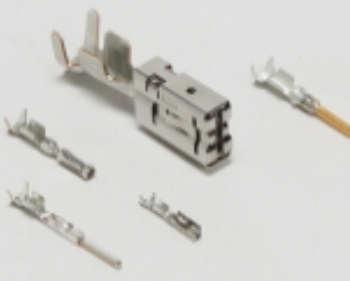


TE Part # 7-2150856-2  
OCEAN\_2.0\_Applicator-E-110F1730

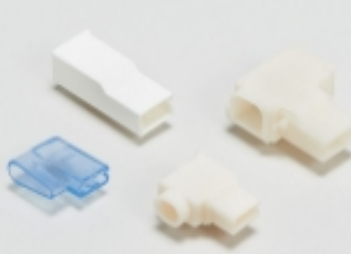


TE Part # 7-2150856-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
110F1730


## Also in the Series | Positive Lock 250



Automotive Terminals(1)



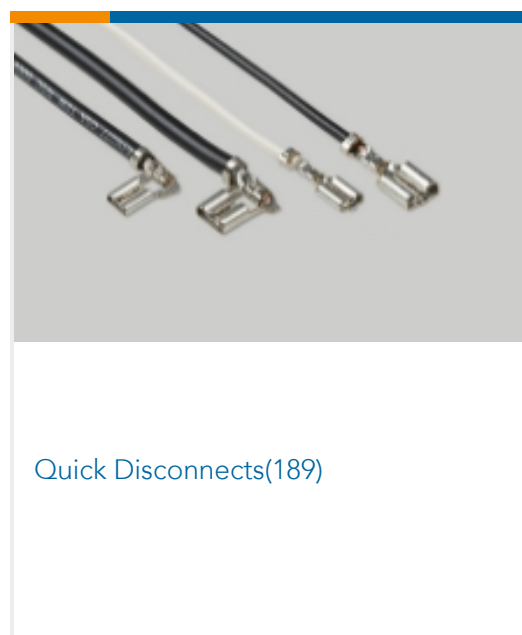
Crimp Terminal Housings(202)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



## Documents

### Product Drawings

[250 PL MKII FLAG REC. 18-14AWG PTBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_172763-1\\_H.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_172763-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_172763-1\\_H.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

[Positive Lock Receptacles](#)

English

[POS\\_LOCK\\_MII\\_QRG](#)

English

### Product Specifications

[1-Pos. '250' Flag, Positive Lock Connector](#)

Japanese

[Application Specification](#)

Japanese

### Product Environmental Compliance

[MD\\_172763-1\\_11122018845\\_dmtec](#)

English

172763-1

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm<sup>2</sup> Wire Size,  
Mating Tab Width .25 in [6.35 mm], Flag, Brass, Positive Lock 250



[MD\\_172763-1\\_11122018845\\_dmtec](#)

English