

173724-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 187](#)

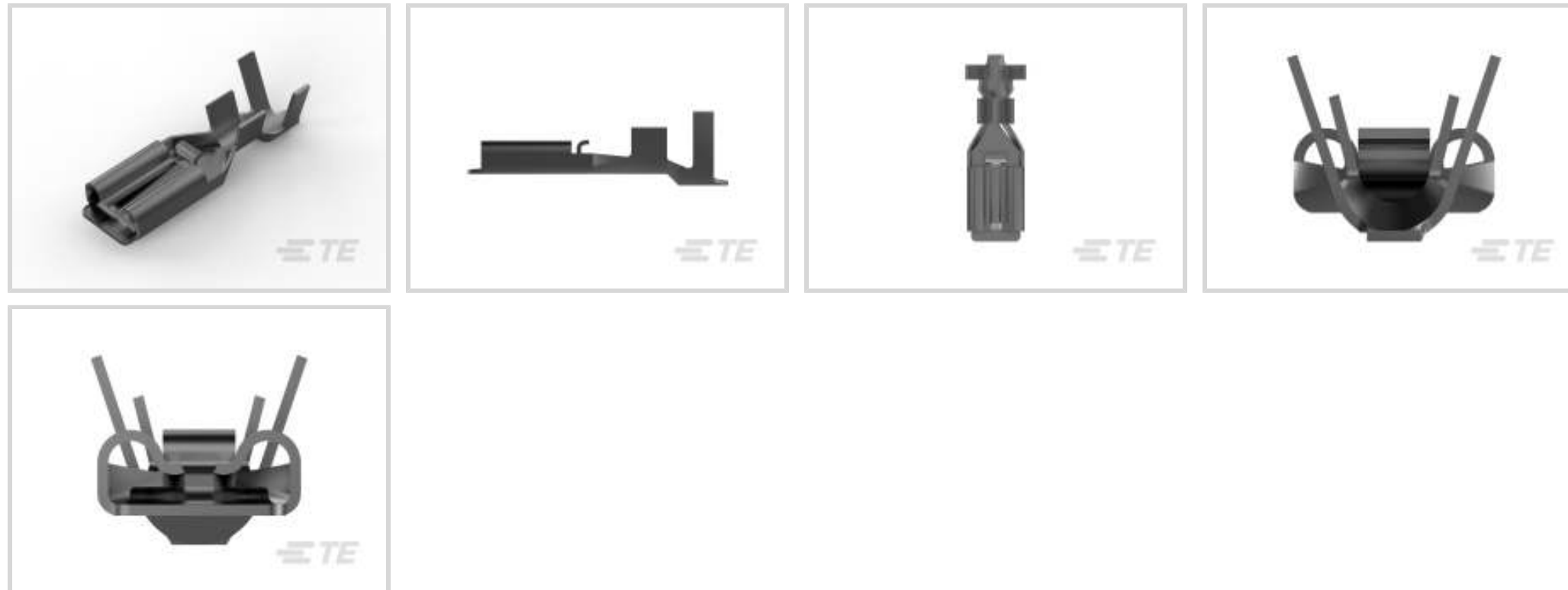
TE Internal #: 173724-1

Quick Disconnects, Receptacle, 20 – 14 AWG Wire Size, .51 – 2.08 mm<sup>2</sup> Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Positive Lock 187

[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: 4.75 mm [.187 in]

Mating Tab Thickness: .51 mm [.02 in]

## Features

### Product Type Features

Insertion Force	Low
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### Configuration Features

Connection Capacity	Single
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Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Voltage Rating	250 V
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### Contact Features

Quick Disconnect Terminal Type	Receptacle
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Mating Tab Width	4.75 mm [.187 in]
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Mating Tab Thickness	.51 mm [.02 in]
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Terminal Orientation	Straight
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Contact Base Material	Brass
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Terminal Plating Material	Pre-Tin
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Crimp Type	F-Crimp
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Barrel Type	Open
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### Termination Features

Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Terminal Material Thickness	.3 mm [.012 in]
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Product Length	17.2 mm [.677 in]
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Compatible Insulation Diameter Range	1.9 – 4.4 mm [.074 – .173 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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### Packaging Features

Packaging Quantity	6000
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 1-172075-1  
3 POS PL 187(4.8 MM) HOUSING  
NATURAL



TE Part # 2232342-1  
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part # 2013799-1  
250 HSG. PL EX REC. BLACK



TE Part # 1743058-1  
PL 187 REC 22-16 AWG 0.3 X 22.8  
PTBR



TE Part # 1743221-1  
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part # 2-2150058-1  
OCEAN\_2.0\_Applicator-E-110F200F



TE Part # 2-2150058-2  
OCEAN\_2.0\_Applicator-E-110F200F



TE Part # 2150058-1  
OCEAN\_2.0\_Applicator-E-110F200F



TE Part # 2150058-2  
OCEAN\_2.0\_Applicator-E-110F200F



TE Part # 7-2150058-1  
OCEAN\_2.0\_Applicator-E-110F200F

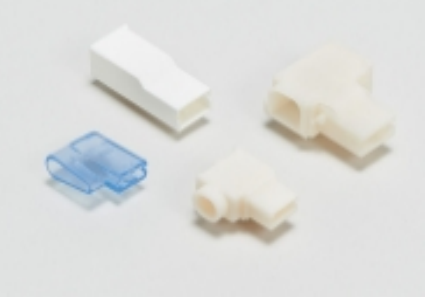


TE Part # 7-2150058-2  
OCEAN\_2.0\_Applicator-E-110F200F




TE Part # 7-2150058-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
110F200F

## Also in the Series | Positive Lock 187




Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)

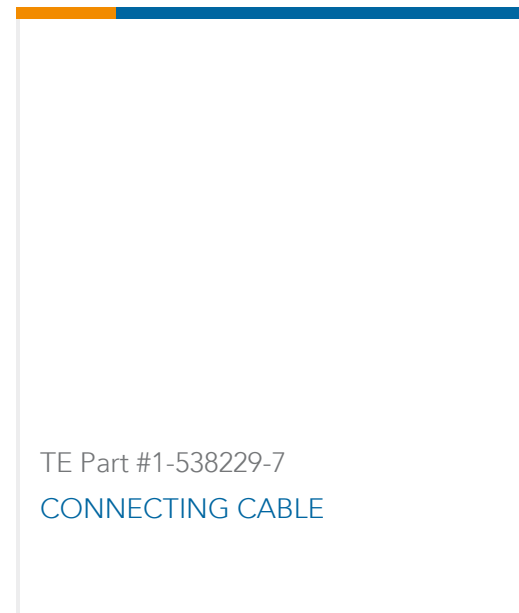
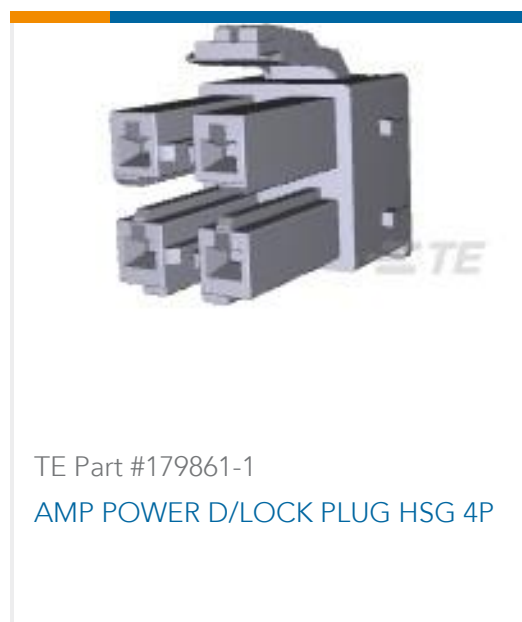


Insulation Boots & Sleeves(7)



Quick Disconnects(55)

## Customers Also Bought



## Documents

### CAD Files

[3D PDF](#)

[3D](#)

**Customer View Model**

[ENG\\_CVM\\_CVM\\_173724-1\\_W.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_173724-1\\_W.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_173724-1\\_W.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

### Product Environmental Compliance

[MD\\_173724-1\\_11122018846\\_dmtec](#)

English

[MD\\_173724-1\\_11122018846\\_dmtec](#)

English

### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English



## POSITIVE LOCK EX CONTACT

English

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### Agency Approvals

[UL Report](#)

English