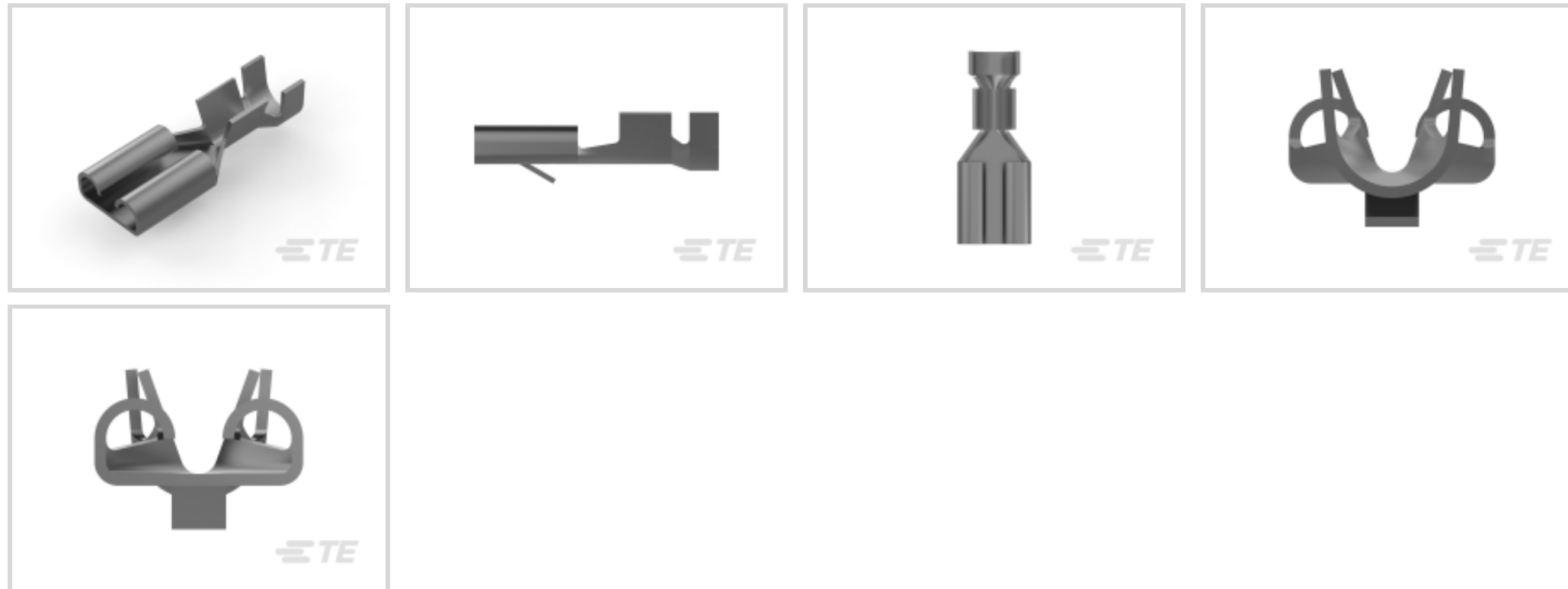




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.65 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

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

### Features

#### Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm [.187 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
Terminal Plating Material	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

#### Dimensions

Wire Size	.51 – 1.65 mm <sup>2</sup>
Product Length	16.6 mm [.653 in]
Compatible Insulation Diameter Range	1.5 – 2.4 mm [.059 – .094 in]
Terminal Material Thickness	.25 mm [.01 in]

#### Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	10000
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### Product Type Features

Insertion Force	Normal
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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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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Configuration Features

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

Voltage Rating	250 V
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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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Mating Retention Type	Locking Lance
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Extraction Force	4 Newton
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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

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 # 2150303-1  
OCEAN\_2.0\_Applicator-E-090F120F-REM

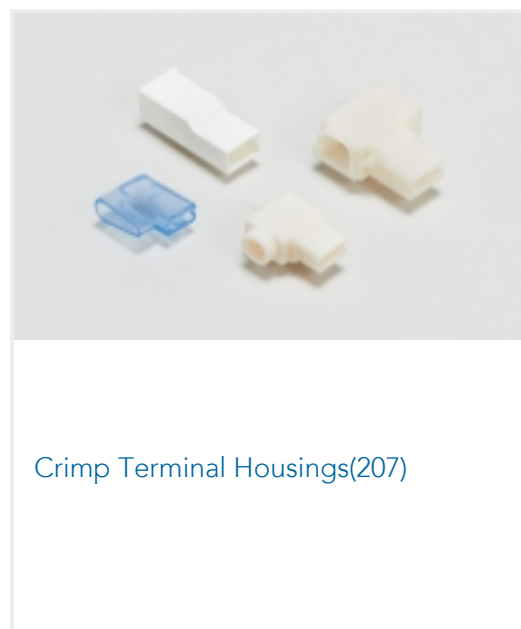


TE Part # 2150303-2  
OCEAN\_2.0\_Applicator-E-090F120F-REA

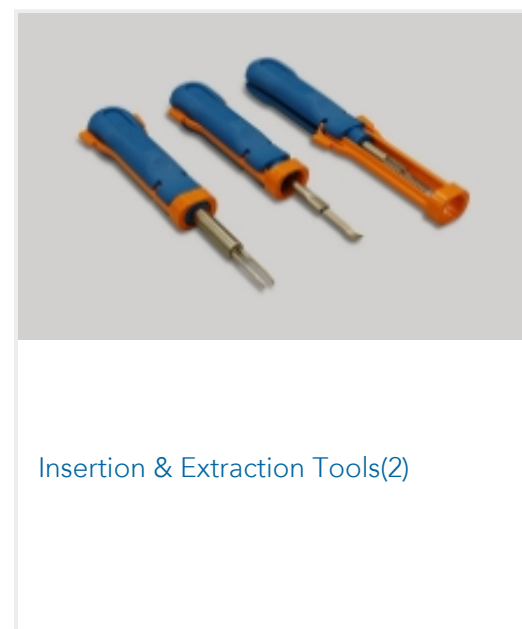


TE Part # 7-2150303-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F120F

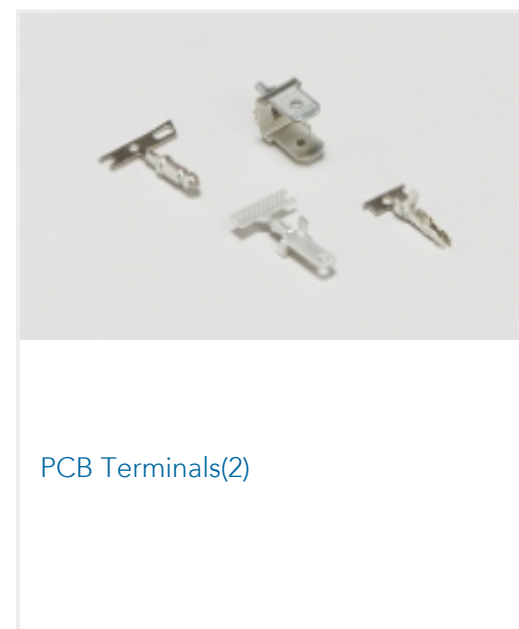
### Also in the Series | FASTIN-FASTON 250



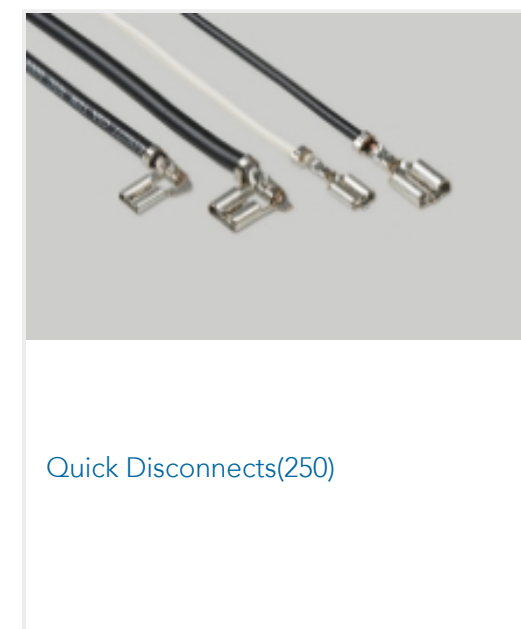
Crimp Terminal Housings(207)



Insertion & Extraction Tools(2)



PCB Terminals(2)



Quick Disconnects(250)

### Customers Also Bought



TE Part #HD34-18-21PN  
DEUTSCH HD30 Housings



TE Part #60253-2  
FF 250 REC 16-12AWG TPBR



TE Part #280919-2  
FF 187 REC 0.5-1.5MM2 TPBR



TE Part #160533-2  
110 FASTON,REC.,20-17 AWG,TPBR



TE Part #60294-2  
FF 250 TAB 22-18 AWG .032 TPBR



TE Part #2-1718806-1  
SPOS, MCON 1.2 LL REC SEALED



TE Part #3-1393310-8  
VCFM-1002=SOCKET,VCFM,5,PC,PLA-

## Documents

### Product Drawings

[FF 187 REC 0.5-1.5MM2 TPPB](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_282180-3\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_282180-3\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_282180-3\\_E.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

[Application Specification](#)

[FASTIN-FASTON Connector, .187 rec. etc.](#)