

1742883-1 ✓ ACTIVE

FASTON | FASTON 187

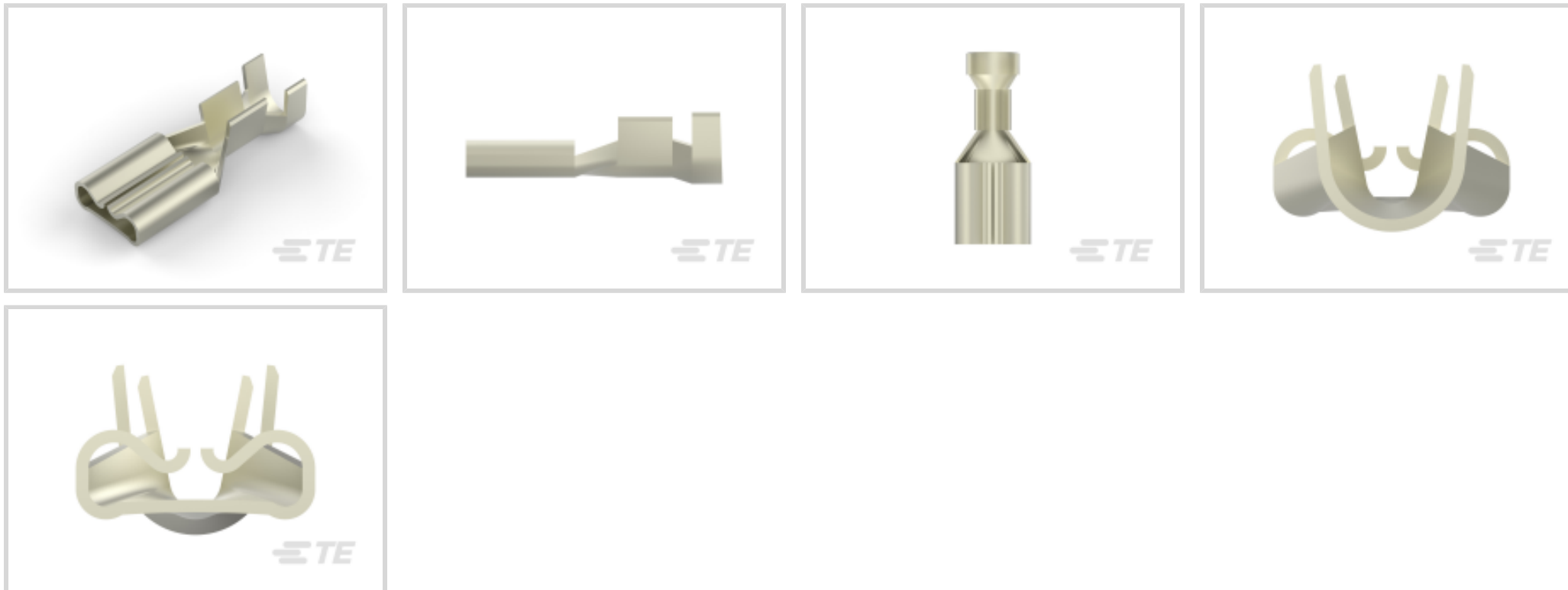
TE Internal #: 1742883-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm<sup>2</sup> Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Steel, FASTON 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.31 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

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

## Features

### Product Type Features

Insertion Force	Normal
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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	4.75 mm [.187 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Steel
Terminal Plating Material	Nickel
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
Mating Retention Type	Dimple

### Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	15.11 mm[.595 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Wire Size	.51 – 1.31 mm <sup>2</sup>

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 250 °C[-40 – 482 °F]

### Industry Standards

Agency/Standard	CSA, RU (UL Component Program), UL
Approved Standards	UL E66717

### Packaging Features

Packaging Quantity	18000
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 2-480435-3  
187 FASTON HSG., REC., 1 POS, BLACK



TE Part # 2-480435-2  
187 FASTON HSG., REC., 1 POS, NATURAL



TE Part # 2150007-1  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 1-480435-0  
FASTON 187 REC HSG NYLON NAT



TE Part # 2150007-2  
OCEAN\_2.0\_Applicator-E-090F140F



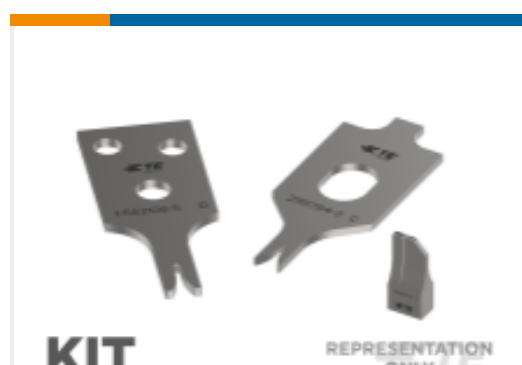
TE Part # 480435-2  
187 FASTON HSG. REC 1P BLACK



TE Part # 7-2150007-1  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 7-2150007-2  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 7-2150007-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F140F



TE Part # 2-2150007-1  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 2-2150007-2  
OCEAN\_2.0\_Applicator-E-090F140F

Also in the Series | **FASTON 187**



Crimp Terminal Housings(42)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)

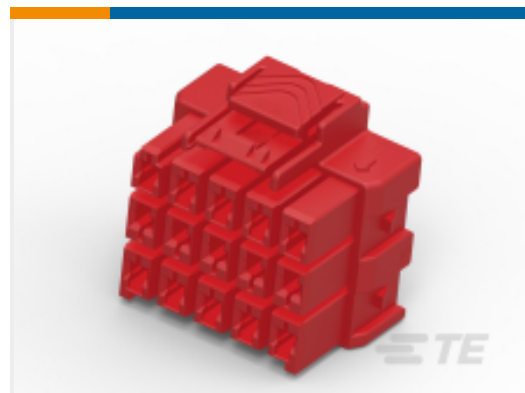


Quick Disconnects(209)



Splices(1)

## Customers Also Bought



TE Part #5-1971773-3  
High Temperature Plug — POWER TRIPLE LOCK



TE Part #1971777-2  
PTL TPA HIGH TEMP 1 x 2 BLACK



TE Part #521367-1  
ULTRA-POD 250 ASSY REC 18-14 AWG BR



TE Part #2-480435-3  
187 FASTON HSG.,REC.,1 POS,BLACK



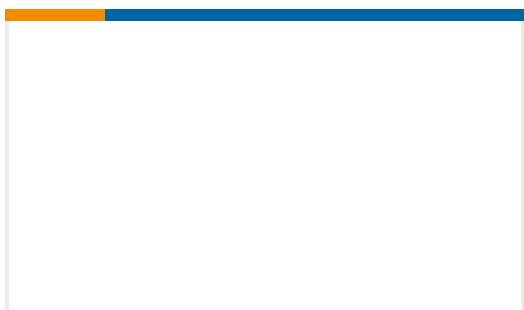
TE Part #1969443-6  
EP 2.5 TPA Retainer, 6 Pos



TE Part #1742543-1  
250 FASTON,FLAG,REC.,18-12 AWG, NPST



TE Part #1742626-1  
250 FASTON,FLAG,REC.,16-14 AWG, NPST



TE Part #1-176282-5  
AMP UNIVERSAL POWER CAP 2P GREEN

## Documents

### Product Drawings

[187 FASTON,REC.,20-16 AWG,NPST](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1742883-1\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1742883-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1742883-1\\_A.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[1-1773948-2 Standard Line FASTON Receptacles QRG](#)

English

[Introductory Flyer - Low Insertion Force FASTON Terminals](#)

English

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### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

[FASTIN-FASTON 110, 187, 205 And 312 Series Receptacle Contacts](#)

English

[Application Specification](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English