

170466-1 ✓ ACTIVE

FASTON | FASTON 187

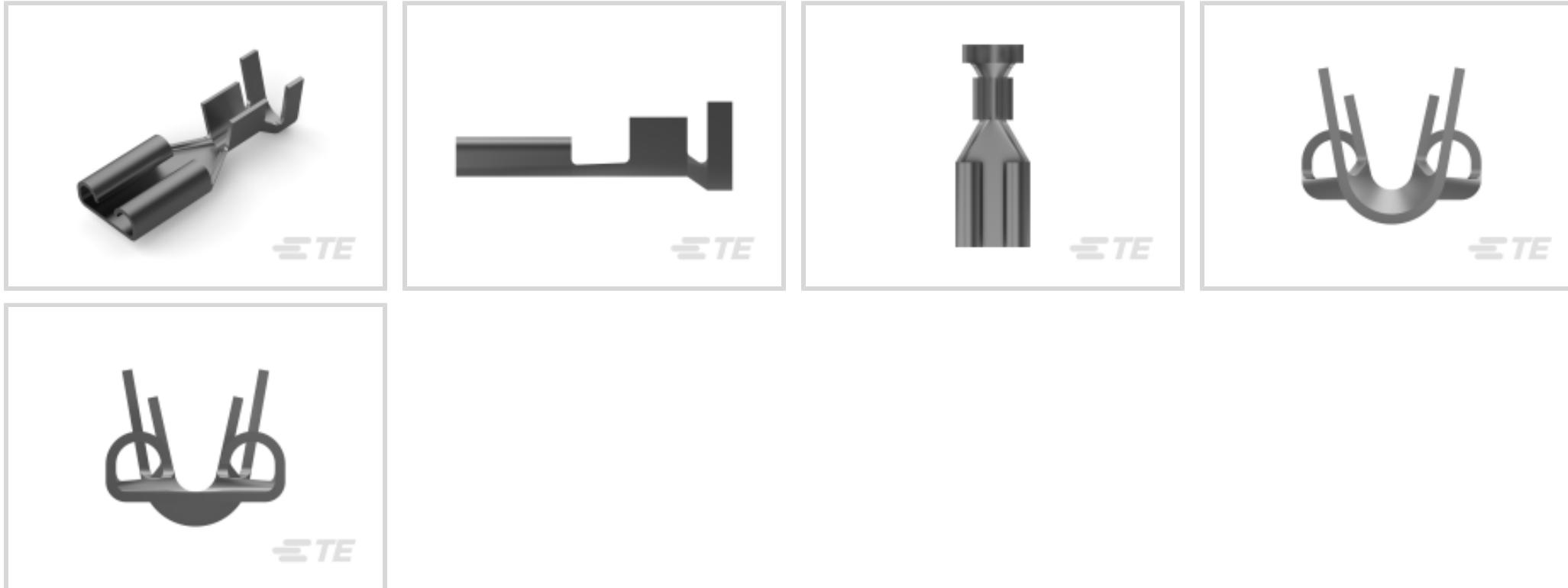
TE Internal #: 170466-1

Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm<sup>2</sup> Wire Size,  
Mating Tab Width 4.75 mm [.187 in], Straight, Brass, FASTON 187,  
Quick Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm<sup>2</sup>**

Mating Tab Width: **4.75 mm [.187 in]**

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

## Features

### Contact Features

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

### Dimensions

Wire Size	.82 – 2.08 mm <sup>2</sup>
Product Length	15.2 mm [.6 in]
Compatible Insulation Diameter Range	2.2 – 3.43 mm [.087 – .135 in]
Terminal Material Thickness	.33 mm [.013 in]

### Packaging Features

Packaging Method	Strip/Reel
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Packaging Quantity	7000
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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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### Termination Features

Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
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Mating Retention Type	Dimple
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Extraction Force	4.4 – 11.2 kgf
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### Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 # 170141-2  
187 FASTON, FLAG, REC., 20-16 AWG, TPBR



TE Part # 61045-2  
FASTON .187 SERIES (4.8 MM) TPBR



TE Part # 4150098-1  
OCEAN-2.0-APPLICATOR-E-090F140F-REM



TE Part # 7-4150098-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F140F

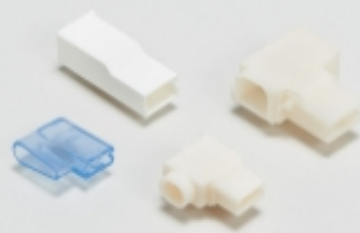


TE Part # 91584-1  
CCII MIC REC TAB 187 FASTON 20-14 ASSY




TE Part # 4150098-2  
OCEAN-2.0-APPLICATOR-E-090F140F-REA


## Also in the Series | FASTON 187




Crimp Terminal Housings(41)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)

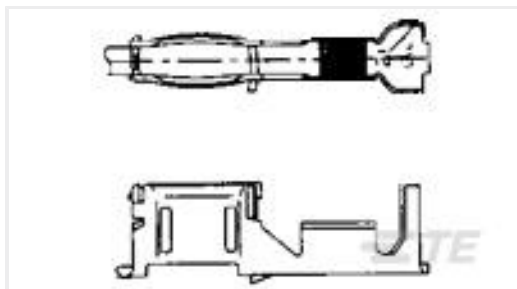


Quick Disconnects(207)



Splices(1)

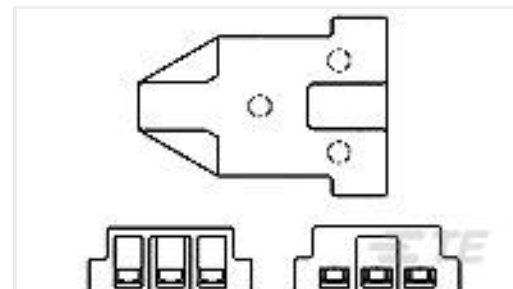
## Customers Also Bought



TE Part #316292-1  
3.2 CLUSTER REC L-TYPE



TE Part #170140-2  
187 FASTON,FLAG,REC.,16-20 AWG, TPBR



TE Part #171370-3  
CLUSTER BLOCK HSG PBT



TE Part #41802  
250 FASTON FLAG REC 18-12 AWG TPBR



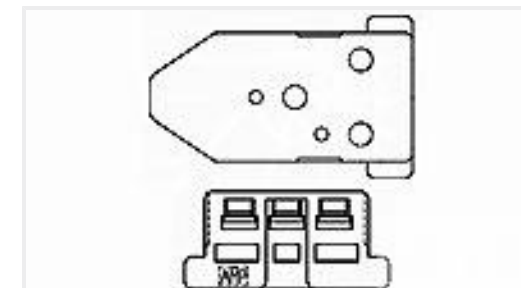
TE Part #917485-2  
DYNAMIC D-3 TAB CONT. 2L AU 0.38



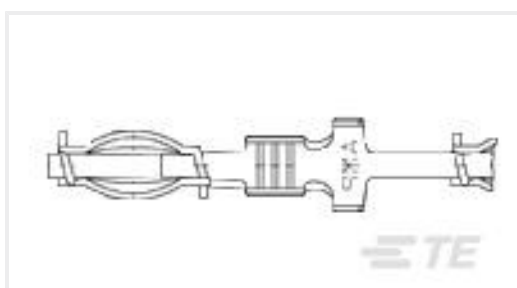
TE Part #179938-4  
POWER D/LOCK PLUG HSG 3P /6.5



TE Part #170892-4  
187 FASTON HSG.,REC.,NATURAL



TE Part #316293-1  
3.2 CLUSTER BLOCK HSG NATURAL



TE Part #170063-2  
CLUSTER PIN REC



TE Part #60873-1  
250 FASTON FLAG REC 16-12 AWG TPBZ

## Documents

### Product Drawings

[187 FASTON,REC.,18-14 AWG,TPBR](#)

Japanese

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_170466-1\\_D.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170466-1\\_D.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170466-1\\_D.3d\\_stp.zip](#)

English

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

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## Product Specifications

[Application Specification](#)

English

**187 SERIES FASTON RECEPTACLE**

English

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## Agency Approvals

[UL Report](#)

English