

42566-2 ✓ ACTIVE

FASTON | FASTON 187

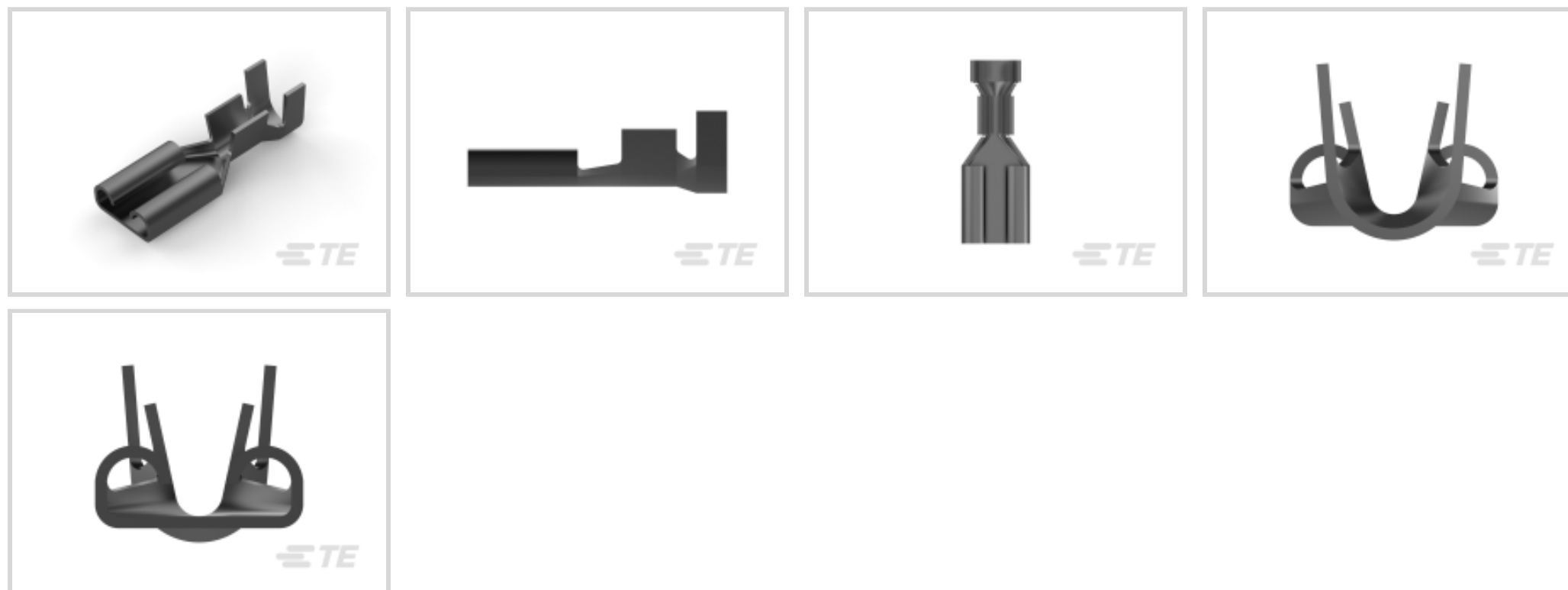
TE Internal #: 42566-2

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

[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: .51 mm [.02 in]

## Features

### Product Type Features

Terminates To	Wire & Cable
Wire/Cable Type	Regular Wire
Wire Stop	No
Insertion Force	Low
Sealable	No

### Configuration Features

Connection Capacity	Single
---------------------	--------

### 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
-------------	------

### Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With

### Dimensions

Accepts Wire Insulation Diameter Range	2.29 – 3.3 mm [.09 – .13 in]
Receptacle Terminal Stock Thickness	.3 mm [.012 in]
Overall Length	16.07 mm [.633 in]
Wire Size	.51 – 1.31 mm <sup>2</sup>

### Usage Conditions

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

### Industry Standards

CSA Certified	Yes
UL Rating	Listed

### Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece/Carton

### Other

Line	Premier
------	---------

### 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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 170141-2  
187 FASTON, FLAG, REC., 20-16 AWG, TPBR



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

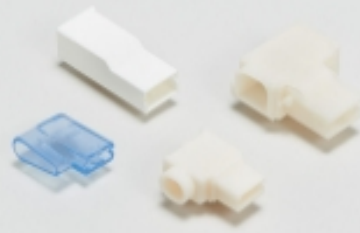


TE Part # 91509-1  
CCII FASTON 187 REC 20-16 ASSY




TE Part # 91509-3  
CCII FASTON 187 REC 20-16 HEAD


### Also in the Series | FASTON 187




Crimp Terminal Housings(41)




Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(48)



Quick Disconnects(214)



Splices(1)

### Customers Also Bought



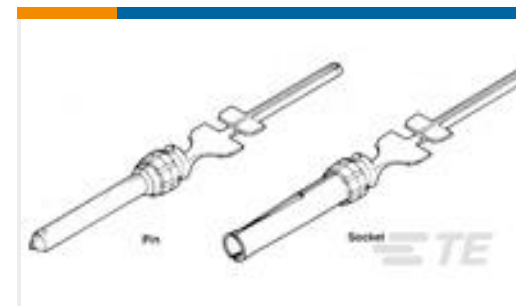
TE Part #52927-1  
PIDG SP SPD 22-16COMM22-18MIL4



TE Part #52409-1  
PIDG LONG SPRING SPADE TONGUE TERMINALS



TE Part #1-926476-0  
MOD 4 HSG



TE Part #5-745287-4  
20 DF PIN CONTACT DUPLEX/LP



TE Part #160927-2  
FF 250 REC 1.0-2.5MM2 TPBR



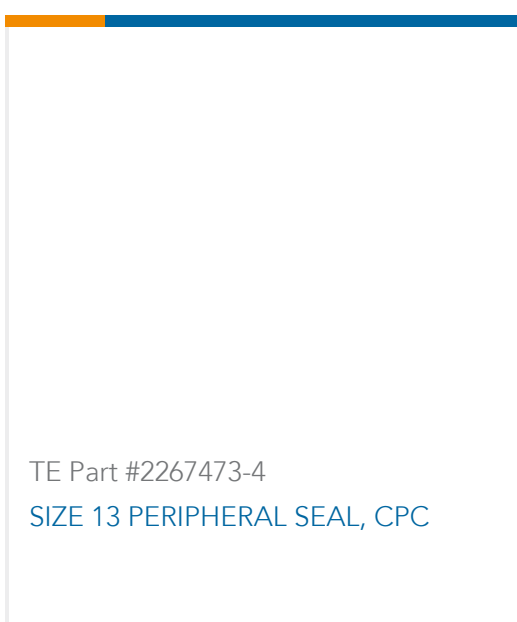
TE Part #HD14-9-16P  
INL REC ASM



TE Part #6-66460-3  
PIN,.062 DIA,.025 SQ POST,LP



TE Part #3-640430-4  
04P MTA156 CONN ASSY 26AWG BLU



TE Part #2267473-4  
SIZE 13 PERIPHERAL SEAL, CPC

## Documents

### Product Drawings

187 FASTON REC 20-16 AWG TPBR

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_42566-2\\_U.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_42566-2\\_U.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_42566-2\\_U.3d\\_stp.zip](#)

English

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

## Datasheets & Catalog Pages



## [FASTIN\\_FASTON\\_Product\\_Line](#)

English

---

### [Product Specifications](#)

#### [Application Specification](#)

English

#### [Application Specification](#)

English

#### [Wire Preparation And Crimp Inspection Guide](#)

English

---

### [Instruction Sheets](#)

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

English

#### [Hand Crimping Tool 90180-2](#)

English

---

### [Agency Approvals](#)

#### [Agency Approval Document](#)

English