

42566-2 ✓ ACTIVE

FASTON | FASTON 187

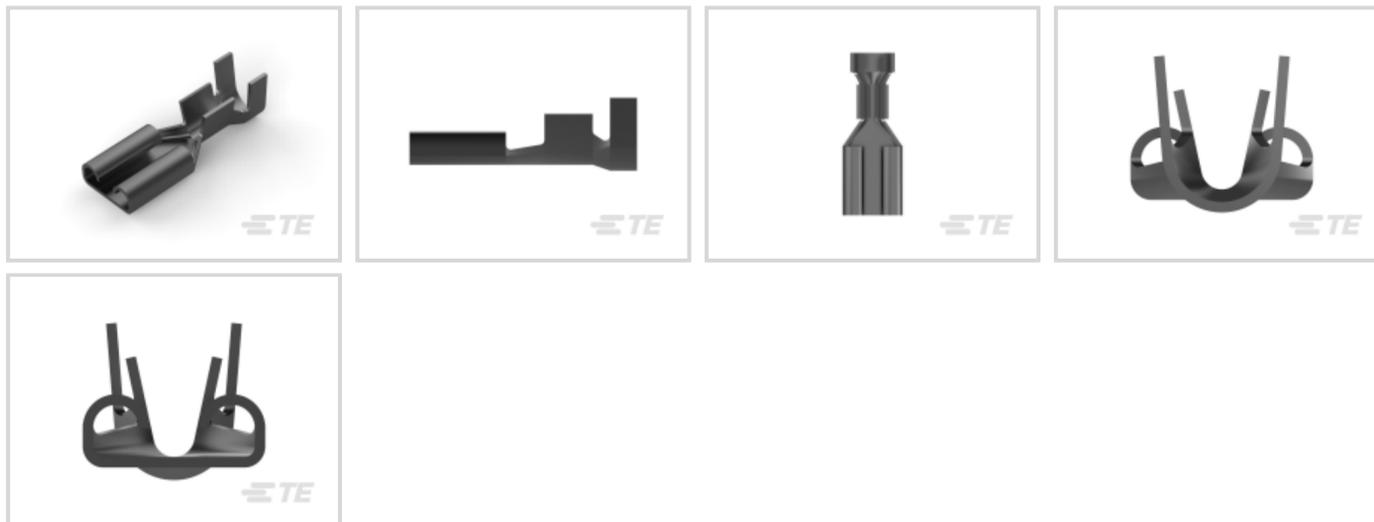
TE Internal #: 42566-2

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, Brass, 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: **.51 mm [.02 in]**

## Features

### Product Type Features

|                 |     |
|-----------------|-----|
| Insertion Force | Low |
|-----------------|-----|

### 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           | .51 mm [.02 in]   |
| Terminal Orientation           | Straight          |
| Contact Base Material          | Brass             |
| Terminal Plating Material      | Tin               |
| Crimp Type                     | F-Crimp           |
| Barrel Type                    | Open              |

### Termination Features

|  |  |
|--|--|
|  |  |
|--|--|



|                       |              |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

### Mechanical Attachment

|                         |        |
|-------------------------|--------|
| Wire Insulation Support | With   |
| Mating Retention Type   | Dimple |

### Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .3 mm[.012 in]              |
| Product Length                       | 16.07 mm[.633 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 - 110 °C[-40 - 230 °F] |

### Industry Standards

|   |         |
|---|---------|
| Compatible With Agency/Standards Products | CSA, UL |
|---|---------|

### 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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 # 61045-2  
FASTON .187 SERIES (4.8 MM) TPBR

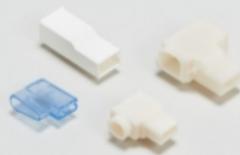


TE Part # 170141-2  
187 FASTON, FLAG, REC., 20-16 AWG, TPBR



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

## Also in the Series | FASTON 187



Crimp Terminal Housings(41)



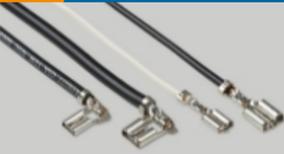
Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(208)



Splices(1)

## Customers Also Bought



TE Part # 3-641216-8  
08P MTA100 HDR ASSY FL/RA LF



TE Part # 60878-2  
250 FASTON REC 22-18 AWG TPBR



TE Part # 42214-2  
250 FASTON TAB TPBR



TE Part # 42660-2  
250 FASTON REC 18-14 AWG TPBR



TE Part # 2-1437653-5  
6PCV-09-006=6PCV ASSEMBLY



TE Part # 9-1437657-8  
8PCV-06-006=#8 TRIBARRIER



TE Part # 1-1825059-7  
ADF04ST04=DIP SWT,FLUSH,SMT-GW



TE Part # 5-1625885-2  
1W SM M/OX 5% 27R



TE Part # 1-735075-0  
250 FASTON INS POST,REC.,1 POS



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

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## Datasheets & Catalog Pages



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

English

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### [Product Specifications](#)

#### [Application Specification](#)

English

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### [Instruction Sheets](#)

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

English

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

English

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### [Agency Approvals](#)

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

English