# 170037-1 ✔ ACTIVE

FASTON | FASTON 187

TE Internal #: 170037-1

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .51 – 1.31 mm² Wire, 4.75 mm [.187 in] Tab Width, F-Crimp, Straight, Brass, FASTON 187

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

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

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

## Features

### Product Type Features

| | |
|---|---|
| Insertion Force | Normal |

### Configuration Features

| | |
|---|---|
| Compatible With Wire & Cable Type | Discrete Wire |
| 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 | Unplated |
| 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

| | |
|---|---|
| Product Length | 16.6 mm[.653 in] |
| Compatible Insulation Diameter Range | 2.29 – 3.3 mm[.09 – .13 in] |
| Terminal Material Thickness | .3 mm[.012 in] |
| Wire Size | .51 – 1.31 mm² |

### 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 | 9000 |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 2232975-1
187 FASTON,REC.,20-16 AWG,TPBR



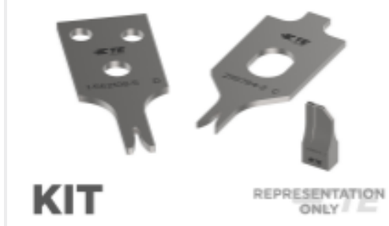
TE Part # 1494219-1
110 FASTON,REC.,18-22 AWG,BR




TE Part # 755336-1
DAHT FASTON 22-14 ASSY



TE Part # 2150007-2
OCEAN_2.0_Applicator-E-090F140F-REA

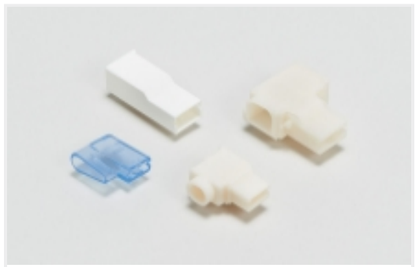



TE Part # 7-2150007-7
OCEAN_2.0_SPARE_PART_KIT-090F140F



TE Part # 2150007-1
OCEAN_2.0_Applicator-E-090F140F-REM

## Also in the Series | FASTON 187



Crimp Terminal Housings(40)



Insertion & Extraction Tools(1)



Insulation Boots & Sleeves(1)

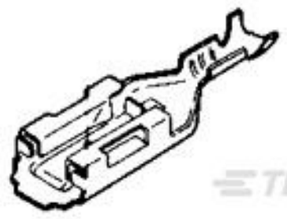


PCB Terminals(42)

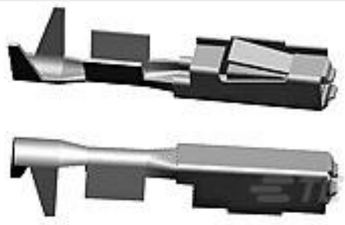


Quick Disconnects(203)

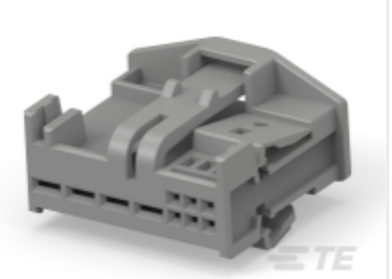
## Customers Also Bought



TE Part #170452-1
PL 250 AM REC 22-20 AWG 0.406 X 21 BR



TE Part #1355950-2
MPQ2,8 Sn rec LL unseal. >2,5-4,0



TE Part #1564760-1
10POS MIXED MQS REC COD A



TE Part #1719661-1
2 LOCK REC HSG



TE Part #1719668-1
2.LOCK REC HSG



TE Part #2112228-1
PROTECTION CAP,TE



TE Part #1-2236793-3
SMARTSEAL TERMINAL



TE Part #2301724-6
16POS,060 SERIES,REC HSG,UNSLD



TE Part #9-2363287-9
48 POS MIXED REC HSG BN



TE Part #174878-7
1 POS DL PLATE FOR PLUG MK II+

## Documents

### Product Drawings

187 FASTON,REC.,20-16 AWG,BR

English

### CAD Files

Customer View Model

ENG_CVM_CVM_170037-1_AD.2d_dxf.zip

English

3D PDF

## 3D

### Customer View Model

ENG_CVM_CVM_170037-1_AD.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_170037-1_AD.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English

## Instruction Sheets

### Instruction Sheet (non U.S.)

Japanese

## Agency Approvals

### UL Report

English