# 63477-1 ✔ ACTIVE

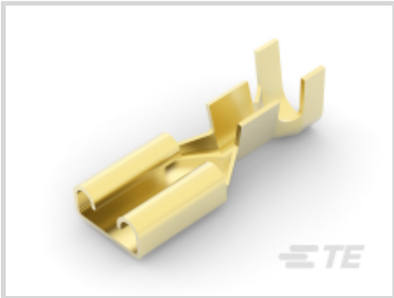
FASTON | FASTON 187

TE Internal #: 63477-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² 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 mm²**

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

Mating Tab Thickness: **.81 mm [ .032 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 | .81 mm[.032 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

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|---|---|
| Terminal Material Thickness | .3 mm[.012 in] |
| Product Length | 14.86 mm[.585 in] |
| Compatible Insulation Diameter Range | 2.29 – 3.3 mm[.09 – .13 in] |
| Wire Size | .51 – 1.31 mm² |

### Usage Conditions

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

### Industry Standards

| | |
|---|---|
| Agency/Standard | CSA, UL |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 20000 |
| Packaging Method | Strip/Reel |

### Other

| | |
|---|---|
| Line | Budget |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

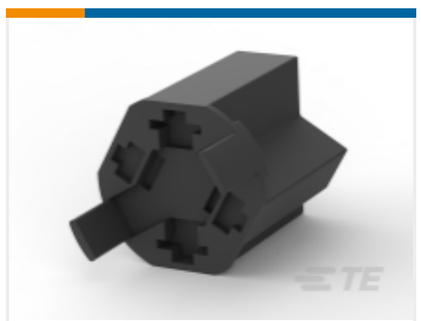
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2022 (224)<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 # 63477-2
187 FASTON REC 20-16 AWG TPBR



TE Part # 1969725-1
187 FAST&110 PL HSG.,REC.,4 POS, BLACK

TE Part # 63477-6
187 FASTON REC 20-16 AWG TPBZ

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

TE Part # 1969843-1
187 FAST & 110 PL HSG.,REC.,3P, BLACK

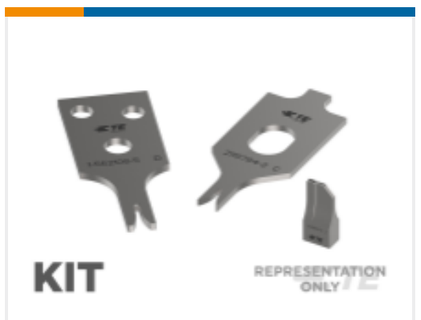
TE Part # 2-2150007-1
OCEAN_2.0_Applicator-E-090F140F

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

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

TE Part # 7-2150007-1
OCEAN_2.0_Applicator-E-090F140F

TE Part # 7-2150007-2
OCEAN_2.0_Applicator-E-090F140F

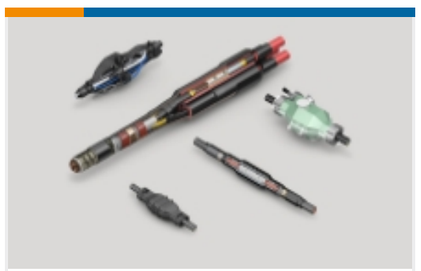



TE Part # 7-2150007-7
OCEAN_2.0_SPARE_PART_KIT-090F140F

## Also in the Series | FASTON 187

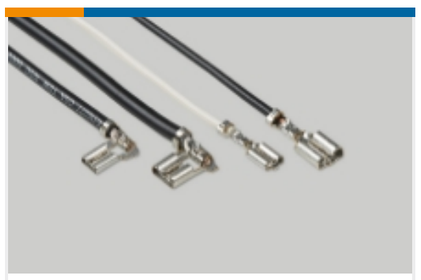
Crimp Terminal Housings(42)

Insertion & Extraction Tools(1)



Joints & Splices(1)

PCB Terminals(42)



Quick Disconnects(209)

Splices(1)

## Customers Also Bought

TE Part #1775441-2
EMIX CONN., 1.5MM PITCH, RCPT, HSG, 2P

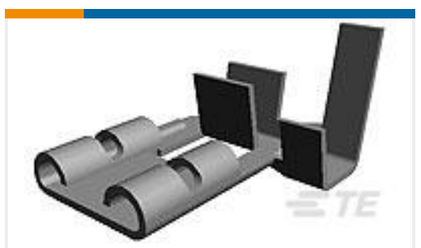
TE Part #794992-1
03P UMNL BLACK INTERFACE SEAL

TE Part #42617-1
187 FASTON REC 20-16 AWG BR

TE Part #62813-1
250 FASTON FLAG REC 22-18 AWG BR

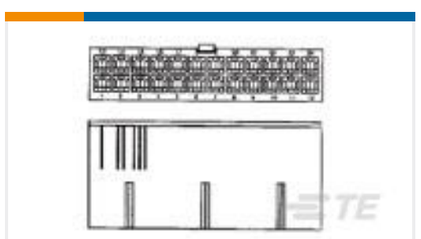
TE Part #42400-1
250 FASTON REC 18-14 AWG BR

TE Part #42510-1
250 FASTON REC 22-18 AWG BR



TE Part #63538-1
250 FASTON FLAG REC 18-14 BR

TE Part #40509
SPLICE 3300 TO 9000 CMA BR



TE Part #1586862-8
8P FH PLUG VAL-U-LOK FH GW

TE Part #7-2150075-7
OCEAN_2.0_SPARE_PART_KIT-130F240F

## Documents

## Product Drawings

187 FASTON REC 20-16 AWG BR

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63477-1_AF.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63477-1_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63477-1_AF.3d_stp.zip

English

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

## Datasheets & Catalog Pages

82004 FASTON Terminals (Insulated and Uninsulated) Catalog - FASTON Receptacles Section

English

## Product Specifications

Application Specification

English

## Product Environmental Compliance

MD_63477-1_062520181352_dmtec

English

MD_63477-1_062520181352_dmtec

English

## Agency Approvals

CSA Certificate

English

CSA Certificate

English