# 63538-1 ✔ ACTIVE

FASTON | FASTON 250

TE Internal #: 63538-1

Quick Disconnects, Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Flag, Brass, FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

Mating Tab Width: **6.35 mm [ .25 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 | 6.35 mm[.25 in] |
| Mating Tab Thickness | .81 mm[.032 in] |
| Terminal Orientation | Flag |
| 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

| | |
|---|---|
| Terminal Material Thickness | .41 mm[.016 in] |
| Product Length | 13.72 mm[.54 in] |
| Compatible Insulation Diameter Range | 2.79 – 5.08 mm[.11 – .2 in] |
| Wire Size | .82 – 2.08 mm² |

### Usage Conditions

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

### Industry Standards

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

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 11000 |
| Packaging Method | Strip/Reel |

### Other

| | |
|---|---|
| Line | Premier |
| Terminals & Splices Comment | Left handed flag. |

## 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: JAN 2023 (233)<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

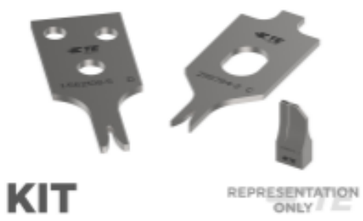
## Compatible Parts

TE Part # 2-2150129-2
OCEAN_2.0_Applicator-S-110F180O

TE Part # 2150129-2
OCEAN_2.0_Applicator-S-110F180O

TE Part # 466678-2
HDM EMPO110F180FK

TE Part # 7-2150129-2
OCEAN_2.0_Applicator-S-110F180O




TE Part # 7-2150129-7
OCEAN_2.0_SPARE_PART_KIT-110F180O

## Also in the Series | FASTON 250

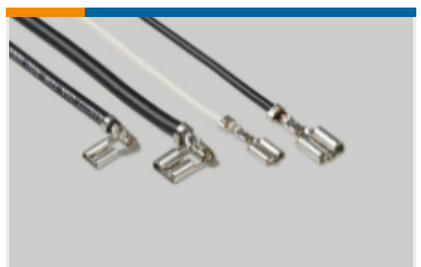
Compression Connectors(4)

Crimp Terminal Housings(142)

Insertion & Extraction Tools(6)

Magnet Wire Terminals(1)

PCB Terminals(135)



Quick Disconnects(445)

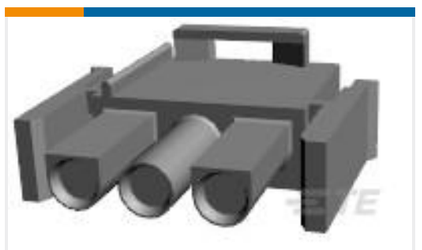
Splices(4)

## Customers Also Bought

TE Part #1586845-1
04P UMNL CAP HSG NATL, GW

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

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



TE Part #1586847-1
03P UMNL PLUG HSG, GW

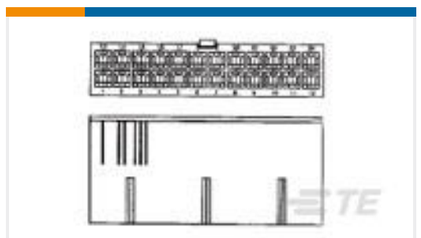
TE Part #62813-1
250 FASTON FLAG REC 22-18 AWG BR

TE Part #1586851-1
02P UMNL PLUG HSG, GW

TE Part #63477-1
187 FASTON REC 20-16 AWG BR

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

TE Part #40509
SPLICE 3300 TO 9000 CMA BR



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

## Documents

### Product Drawings

250 FASTON FLAG REC 18-14 BR

English

### CAD Files

Customer View Model

ENG_CVM_CVM_63538-1_S.2d_dxf.zip

English

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_63538-1_S.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_63538-1_S.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_63538-1_03132018158_dmtec

English

MD_63538-1_03132018158_dmtec

English

## Agency Approvals

CSA Certificate

English

CSA Certificate

English