# 6-160449-5 ✔ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

TE Internal #: 6-160449-5

Quick Disconnects, Receptacle, 17 – 13 AWG Wire Size, 1.03 – 2.62 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, FASTIN-FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1.03 – 2.62 mm²**

Mating Tab Width: **6.35 mm [ .25 in ]**

Mating Tab Thickness: **.81 mm [ .032 in ]**

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Connection Capacity | Single |
| Compatible With Wire & Cable Type | Discrete Wire |

### Electrical Characteristics

| | |
|---|---|
| Voltage Rating | 250 V |

### Contact Features

| | |
|---|---|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 6.35 mm[.25 in] |
| Mating Tab Thickness | .81 mm[.032 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

| | |
|---|---|
| Locking Lance Height | .32 mm |
| Wire Insulation Support | With |
| Mating Retention Type | Locking Lance |

### Dimensions

| | |
|---|---|
| Terminal Material Thickness | .33 mm[.013 in] |
| Product Length | 19.2 mm[.755 in] |
| Compatible Insulation Diameter Range | 3.1 – 4.1 mm[.12 – .16 in] |
| Wire Size | 1.03 – 2.62 mm² |

### Usage Conditions

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

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-2 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 500 |
| Packaging Method | Loose Piece/Carton |

### Other

| | |
|---|---|
| Terminals & Splices Comment | Without Dimple |

## 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 2023 (235)<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 # 1-1579007-4
EXTRACTION TOOL



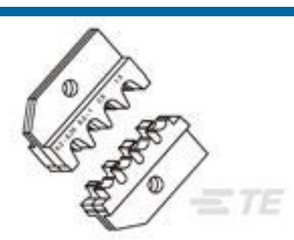
TE Part # 4-1579007-3
EXTRACTION TOOL KIT




TE Part # 2063384-1
SDE FASTON 250 1.0-2.5mm2 ASSY



TE Part # 2063384-2
SDE FASTON 250 1.0-2.5mm2 DIE SET



TE Part # 539653-2
MATRIZE .250 FF




TE Part # 539731-2
DIE F6. 3FF

## Also in the Series | FASTIN-FASTON 250



Crimp Terminal Housings(211)



Insertion & Extraction Tools(2)

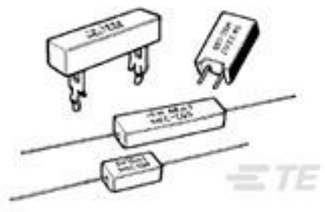


PCB Terminals(2)



Quick Disconnects(254)

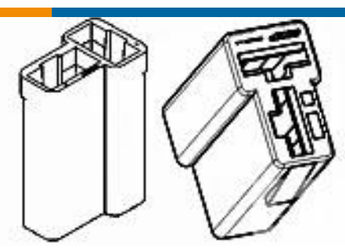
## Customers Also Bought



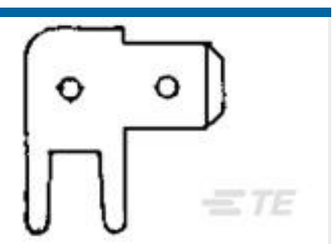
TE Part #4-1623795-4
SQP5 R10 5% WIRE



TE Part #925661-2
.140 DIA SOCKET



TE Part #180907
FF 250 REC HSG 2P NYLON NAT



TE Part #726389-2
187 FASTON TAB TPBR



TE Part #60295-2
FF 250 REC 22-18AWG TPBR



TE Part #1-480698-6
02P UMNL PLUG HSG BLU



TE Part #1-480699-5
02P UMNL CAP HSG GRN



TE Part #928923-1
FF FLACHST MIF 2,8



TE Part #80521-000
LS803-11 LIQUID LEVEL SENSOR

## Documents

### Product Drawings

FF 250 REC 1.0-2.5MM2 TPBR LP

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-160449-5_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-160449-5_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-160449-5_U.3d_stp.zip

English

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## Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English