# 170054-1 ✔ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

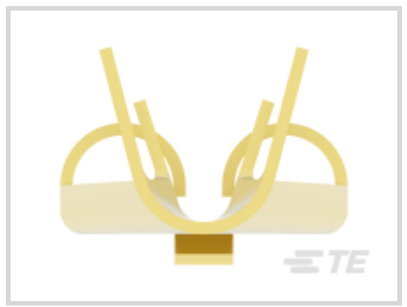
TE Internal #: 170054-1

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

### 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 | Unplated |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

### Termination Features

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

## Mechanical Attachment

| | |
|---|---|
| Locking Lance Height | .79 mm |
| Wire Insulation Support | With |
| Mating Retention Type | Locking Lance |

## Dimensions

| | |
|---|---|
| Terminal Material Thickness | .33 mm[.013 in] |
| Product Length | 20.5 mm[.807 in] |
| Compatible Insulation Diameter Range | 2.16 – 3.43 mm[.085 – .135 in] |
| Wire Size | .51 – 1.31 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 | 1000 |
| Packaging Method | Loose Piece/Carton |

## Other

| | |
|---|---|
| Terminals & Splices Comment | With lance. |

# 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 |

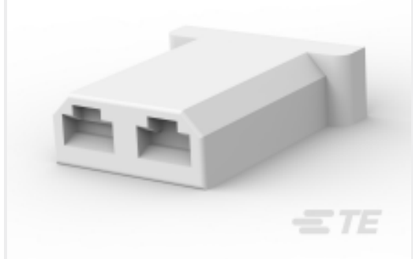
Solder Process Capability

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 # 968864-2
2 POS. FASTON HOUSING



TE Part # 934678-1
DAHT 250 REC 20-14 ASSY

## Also in the Series | FASTIN-FASTON 250



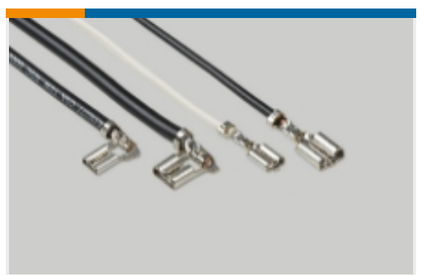
Crimp Terminal Housings(211)



Insertion & Extraction Tools(2)

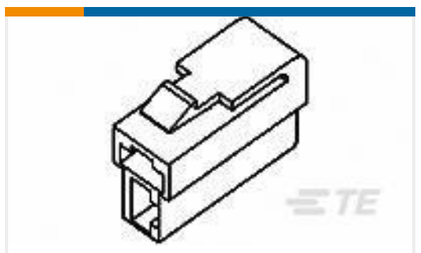


PCB Terminals(2)

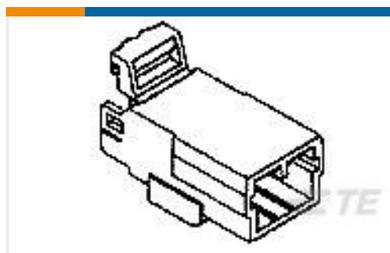


Quick Disconnects(254)

## Customers Also Bought



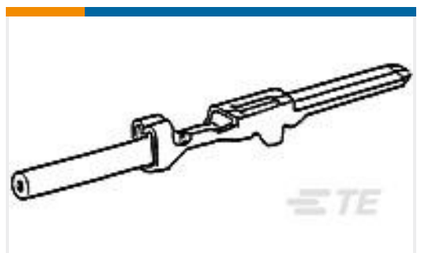
TE Part #172130-1
FF 250 REC HSG 2P NYLON NAT



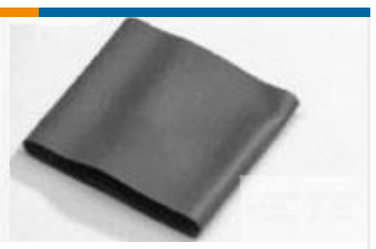
TE Part #174930-1
070 MLC W-W CAP HSG 6P SGL



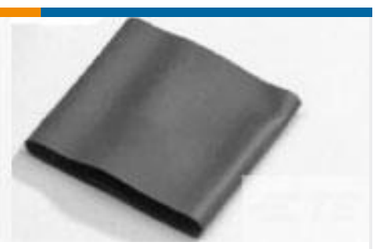
TE Part #DT06-3S-PP01
PLG, 3P, BLK, SEAL RET, 120 OHM RESISTOR



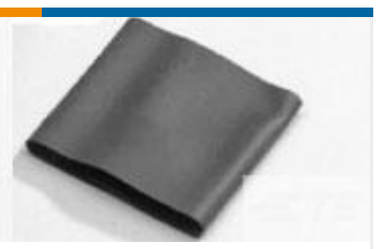
TE Part #175030-1
070 TAB CONTACT L.P 20-16



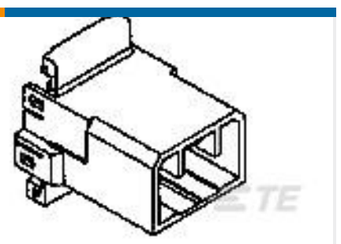
TE Part #389957J001
V2-3.0-0-SP-SM



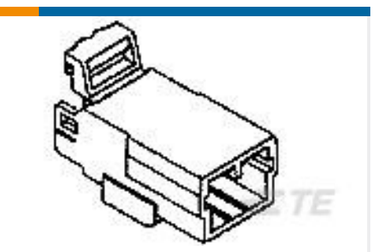
TE Part #985923J001
V2-6.0-0-SP-SM



TE Part #592387J001
V2-4.0-0-SP-SM



TE Part #174931-1
070 MLC W-W CAP HSG 8P NATURAL



TE Part #174928-1
070 MLC W-W CAP HSG 3P NATURAL



TE Part #4-1904099-3
V23234A1004X094-EV-100

## Documents

### Product Drawings

FF 250 REC 20-14AWG BR LP

Japanese

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170054-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170054-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170054-1_O.3d_stp.zip

English

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

### Product Specifications

Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Application Specification

Japanese

Application Specification

Japanese

Crimping of 250 Series Tab and Receptacle Contacts

Japanese