

63900-1 ✓ ACTIVE

FASTON | FASTON 250

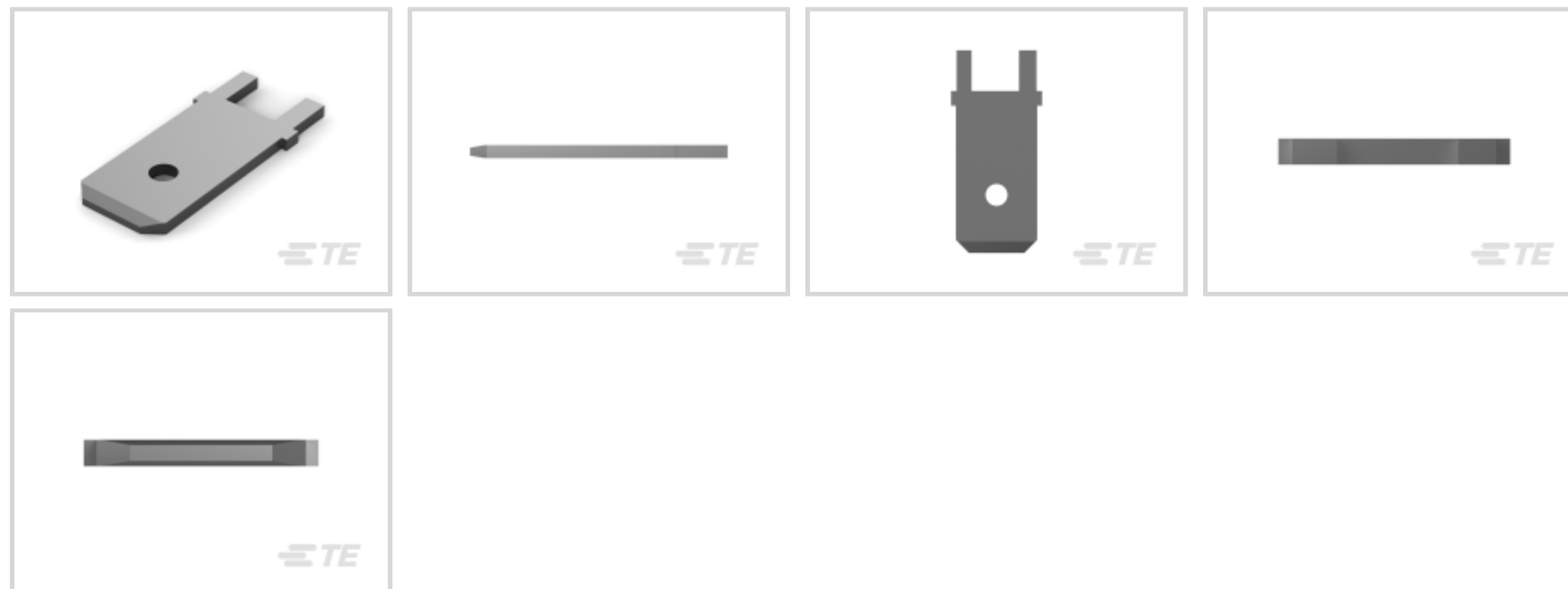
TE Internal #: 63900-1

PCB Terminals, Tab, Mating Tab Width .25 in [6.35 mm], PCB Hole Diameter 1.4 mm [.055 in], Through Hole - Solder, Tin Plating, Bag, FASTON 250

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**

PCB Thickness (Recommended): **3.18 mm [ .125 in ]**

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

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

PCB Hole Diameter: **1.4 mm [ .055 in ]**

## Features

### Contact Features

|                                                         |                            |
|---------------------------------------------------------|----------------------------|
| PCB Contact Termination Area Plating Material Thickness | 3.81 $\mu$ m[150 $\mu$ in] |
| Contact Underplating Material Thickness                 | 2.54 $\mu$ m[100 $\mu$ in] |
| Contact Mating Area Plating Material Thickness          | 3.81 $\mu$ m[150 $\mu$ in] |
| PCB Terminal Type                                       | Tab                        |
| Mating Tab Width                                        | 6.35 mm[.25 in]            |
| Mating Tab Thickness                                    | .81 mm[.032 in]            |
| Terminal Plating Material                               | Tin                        |
| Terminal Size                                           | 6.35                       |
| Terminal Orientation                                    | Straight                   |

### Termination Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
| Product Terminates To                       | Printed Circuit Board |

### Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|



### Dimensions

|                             |                   |
|-----------------------------|-------------------|
| Extension Below Board       | 3.18 mm[.125 in]  |
| Terminal Material Thickness | .81 mm[.032 in]   |
| PCB Thickness (Recommended) | 3.18 mm[.125 in]  |
| PCB Hole Diameter           | 1.4 mm[.055 in]   |
| Profile Height from PCB     | 12.62 mm[.503 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -30 – 110 °C[-22 – 230 °F] |

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Method   | Bag  |

### 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                     | Wave solder capable to 265°C                                                                                                    |

#### 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

|                                                                                                                                              |                                                                                                                                                 |                                                                                                                                              |                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 63067-1<br/>250 FASTON TAB TPBR</p>           |  <p>TE Part # 735427-2<br/>110 FASTON TAB TPBR</p>             |  <p>TE Part # 61134-3<br/>110 FASTON TAB TPBR</p>         |  <p>TE Part # 62409-1<br/>250 FASTON TAB TPBR</p>   |
|  <p>TE Part # 1217057-1<br/>187 FASTON,PCB TAB,TPBR</p>    |  <p>TE Part # 1217167-1<br/>250 FASTON,PCB TAB,TCBR</p>       |  <p>TE Part # 1217056-1<br/>250 FASTON,PCB TAB,TPBR</p>  |  <p>TE Part # 63849-1<br/>250 FASTON TAB TPBR</p>  |
|  <p>TE Part # 1217756-1<br/>187 FASTON,TAB,TNBR</p>       |  <p>TE Part # 1742188-1<br/>250 FASTON,PCB TAB,TCBR</p>      |  <p>TE Part # 1742803-1<br/>FASTON 312 PCB TAB TPBR</p> |  <p>TE Part # 62437-1<br/>110 FASTON TAB TPBR</p> |
|  <p>TE Part # 1742686-1<br/>250 FASTON,PCB TAB,TCBR</p>   |  <p>TE Part # 1217754-1<br/>250 FASTON,FLAG,PCB TAB,TNBR</p> |  <p>TE Part # 1217169-1<br/>250 FASTON,PCB TAB,TCBR</p> |  <p>TE Part # 62262-1<br/>250 FASTON TAB TPBR</p> |
|  <p>TE Part # 1-1217056-0<br/>250 FASTON,PCB TAB,TPBR</p> |  <p>TE Part # 1217421-1<br/>250 FASTON,PCB TAB,TNBR</p>      |  <p>TE Part # 63849-4<br/>250 FASTON TAB SPBR</p>       |                                                                                                                                        |

## Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(142)



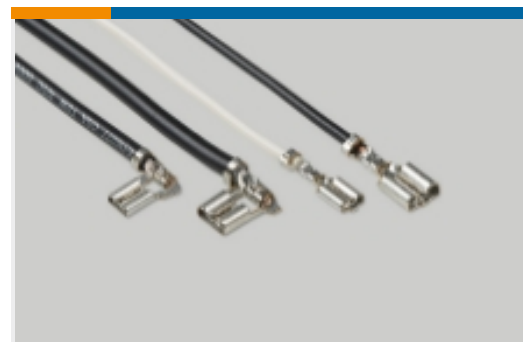
Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)



Quick Disconnects(445)



Splices(4)

## Customers Also Bought



TE Part #2834055-1  
REC, 3P LATCHED POKE-IN WTW  
CONN.NL



TE Part #2-1879447-1  
TE 200W 47R 5% Bracket



TE Part #2-1437565-7  
FSM2JSMA=SMT,TACTILE,PB SWITCH



TE Part #1676254-2  
RN 0805 21K 0.1% 10PPM 1KRL



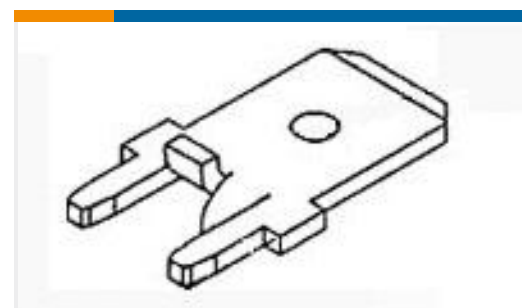
TE Part #8-2176230-3  
3522 5M6 5% 3W



TE Part #1614349-2  
RN 0603 100R 0.1% 10PPM CUT LE



TE Part #1721768-5  
PCH-112L2M-WG



TE Part #1217421-1  
250 FASTON,PCB TAB,TNBR



TE Part #2331400-1  
DET SW6.5X3.9X6.0 GW VERT. NO  
AG TB



## Documents

### Product Drawings

#### 250 FASTON TAB TPBR

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63900-1\\_G\\_c-63900-1-g.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63900-1\\_G\\_c-63900-1-g.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63900-1\\_G\\_c-63900-1-g.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### FASTON PCB Tabs and Receptacles

English

#### PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

### Product Specifications

#### FASTON\* 110, 187, 205, 250, and 312 Series Tab Contacts for Printed Circuit (PC) Board Applications

English

### Product Environmental Compliance

#### Product Compliance Document

English

#### Product Compliance Document

English

### Agency Approvals

#### CSA Certificate

English

#### CSA Certificate

English