



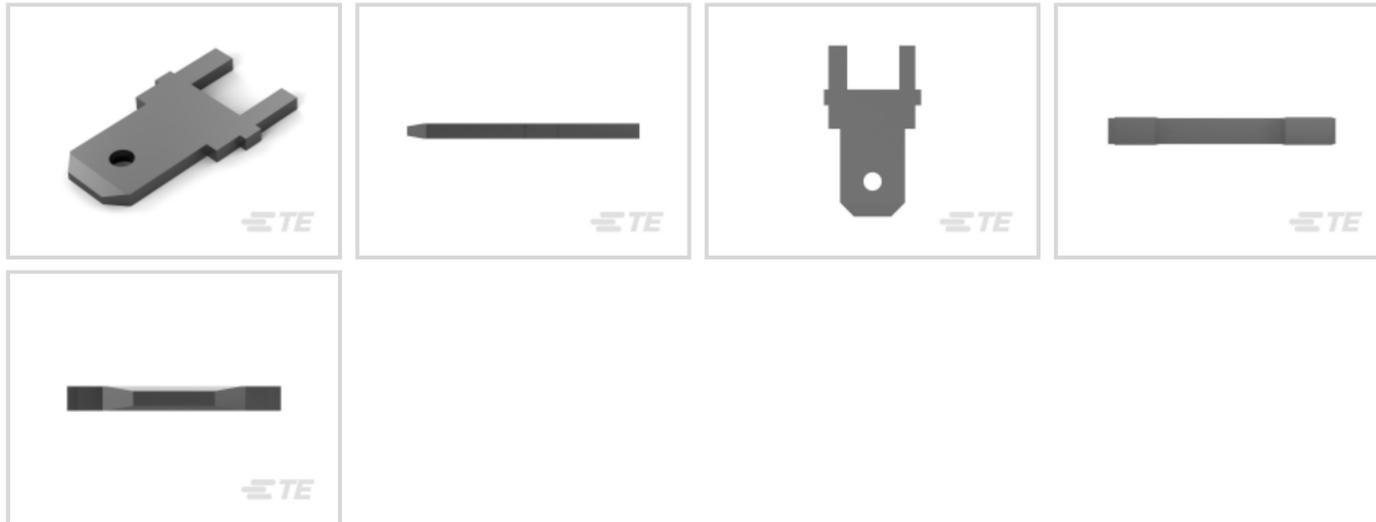
**FASTON | FASTON 187**

TE Internal #: 1217057-1

PCB Terminals, Tab, Mating Tab Width .187 in [4.75 mm], PCB Hole Diameter 1.4 mm [.055 in], Through Hole - Solder, Tin Plating, Copper, FASTON 187

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**

PCB Thickness (Recommended): 1.57 mm [.062 in]

Mating Tab Width: 4.75 mm [.187 in]

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

PCB Hole Diameter: 1.4 mm [.055 in]

**Features**

**Configuration Features**

|                |       |
|----------------|-------|
| Stud Hole      | No    |
| Terminal Angle | 180 ° |

**Body Features**

|                   |                  |
|-------------------|------------------|
| Plating Thickness | 3.81 µm[150 µin] |
|-------------------|------------------|

**Contact Features**

|                               |                  |
|-------------------------------|------------------|
| Contact Plating Material      | Tin              |
| PCB Terminal Type             | Tab              |
| Mating Tab Width              | 4.75 mm[.187 in] |
| Mating Tab Thickness          | .81 mm[.032 in]  |
| Terminal Plating Material     | Tin              |
| Contact Underplating Material | Copper           |
| Terminal Size                 | 4.75             |
| Terminal Orientation          | Vertical         |

**Termination Features**



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

### Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

### Dimensions

|                             |                  |
|-----------------------------|------------------|
| Extension Below Board       | 3.17 mm[.125 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| PCB Hole Diameter           | 1.4 mm[.055 in]  |
| Profile Height from PCB     | 9.19 mm[.366 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

### Packaging Features

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

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

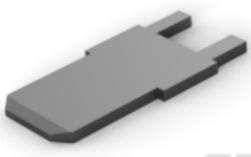
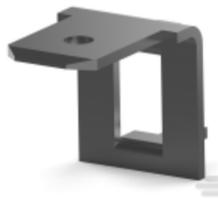
|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<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                     | 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

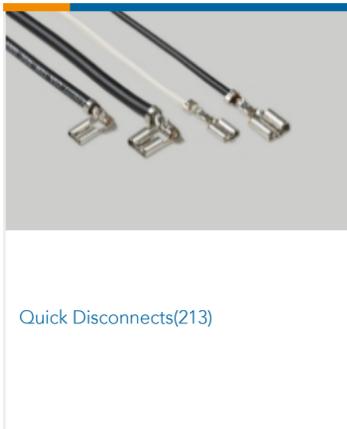
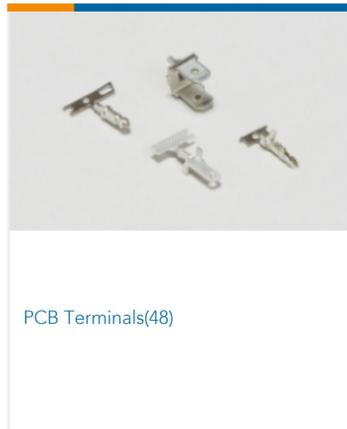
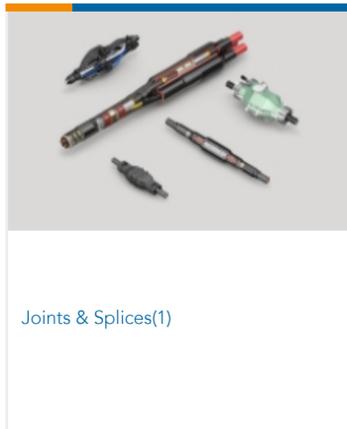
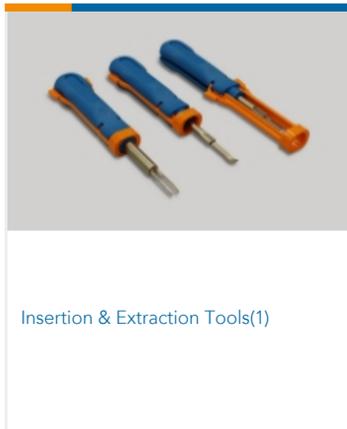
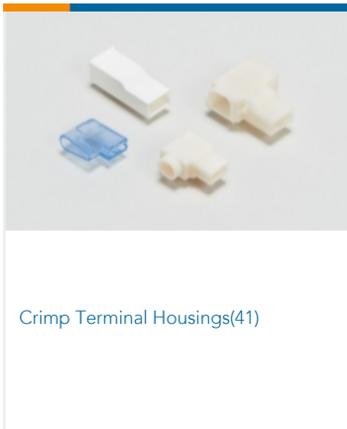
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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 # 1217169-1<br/>250 FASTON,PCB TAB,TCBR</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 # 1217167-1<br/>250 FASTON,PCB TAB,TCBR</p> |  <p>TE Part # 63982-1<br/>187 FASTON TAB TPBR</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 # 1217156-1<br/>187 FASTON,PCB TAB,TNBR</p> |  <p>TE Part # 1742803-1<br/>FASTON 312 PCB TAB TPBR</p> |
|  <p>TE Part # 62747-1<br/>FASTON 187 TAB STAKE TPBR</p> |  <p>TE Part # 63900-1<br/>250 FASTON TAB TPBR</p>       |  <p>TE Part # 60284-2<br/>205 FASTON TAB TPBR</p>       |  <p>TE Part # 1742686-1<br/>250 FASTON,PCB TAB,TCBR</p> |



Also in the Series | **FASTON 187**



Documents

Product Drawings

187 FASTON,PCB TAB,TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1217057-1\\_F\\_c-1217057-1-f.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1217057-1\\_F\\_c-1217057-1-f.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1217057-1\\_F\\_c-1217057-1-f.3d\\_stp.zip](#)

English



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## Datasheets & Catalog Pages

### FASTON PCB Tabs and Receptacles

English

### PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

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## Product Specifications

### Product Specification

English

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## Product Environmental Compliance

### MD\_1217057-1\_04022018029\_dmtec

English

### MD\_1217057-1\_04022018029\_dmtec

English