



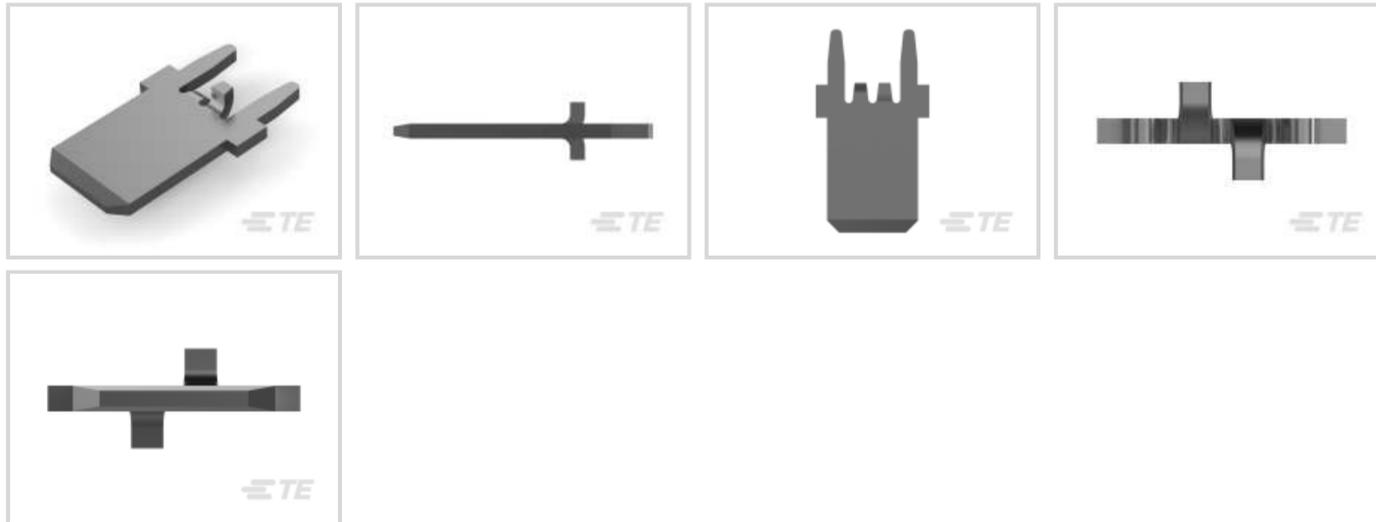
**FASTON | FASTON 250**

TE Internal #: 1742188-1

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

[View on TE.com >](#)

Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**

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

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .8 mm [.031 in]

PCB Hole Diameter: 1.4 mm [.055 in]

**Features**

**Configuration Features**

Connection Capacity	Single
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**Contact Features**

PCB Contact Termination Area Plating Material Thickness	3.81 μm[150 μin]
Contact Underplating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material Thickness	3.81 μm[150 μin]
PCB Terminal Type	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.8 mm[.031 in]
Terminal Plating Material	Tin
Contact Underplating Material	Copper
Terminal Size	6.35
Terminal Orientation	Straight

**Termination Features**

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

Printed Circuit Board

### Mechanical Attachment

Wire Insulation Support

Without

### Dimensions

Extension Below Board

3.81 mm[.15 in]

Terminal Material Thickness

.8 mm[.031 in]

PCB Thickness (Recommended)

1.57 mm[.062 in]

PCB Hole Diameter

1.4 mm[.055 in]

Profile Height from PCB

10.21 mm[.402 in]

### Usage Conditions

Insulation Option

Uninsulated

Operating Temperature Range

-30 – 110 °C[-22 – 230 °F]

### Packaging Features

Packaging Quantity

500

Packaging Method

Bag

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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)  
 Candidate List Declared Against: JUNE 2023 (235)  
 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 # 1217169-1 250 FASTON,PCB TAB,TCBR</p>	 <p>TE Part # 1217167-1 250 FASTON,PCB TAB,TCBR</p>	 <p>TE Part # 63849-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 1217156-1 187 FASTON,PCB TAB,TNBR</p>
 <p>TE Part # 1742803-1 FASTON 312 PCB TAB TPBR</p>	 <p>TE Part # 62747-1 FASTON 187 TAB STAKE TPBR</p>	 <p>TE Part # 63900-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 60284-2 205 FASTON TAB TPBR</p>
 <p>TE Part # 1742686-1 250 FASTON,PCB TAB,TCBR</p>	 <p>TE Part # 1217754-1 250 FASTON,FLAG,PCB TAB,TNBR</p>	 <p>TE Part # 1-725996-2 110 FASTON,FLAG,PCB TAB,TPBR</p>	 <p>TE Part # 62262-1 250 FASTON TAB TPBR</p>
 <p>TE Part # 62705-1 187 FASTON TAB TPBR</p>	 <p>TE Part # 1-1217056-0 250 FASTON,PCB TAB,TPBR</p>	 <p>TE Part # 1217421-1 250 FASTON,PCB TAB,TNBR</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 #185904-2  
Signal Header



TE Part #1-1452688-3  
TAB 2.8X0.8 WITH ACTION PIN



TE Part #4-440052-5  
2.5MM,HDR,5POS,VERTICAL,  
CONNECTOR



TE Part #2-1740533-2  
AMP DUOPLUG POW CONNECTOR



TE Part #1534073-3  
MULTIFIT MK2 ASSY3P



TE Part #1-1877285-7  
07P EP SHRD HDR ASMY, WHITE,NO  
PIN 6



TE Part #2-1717011-4  
EP CONN.HDR ASSY 4/5P NATURAL  
(NO.3 POST)



TE Part #2309279-5  
05P EP SHRD HDR ASY,NO 2 PIN,  
WHITE

## Documents

### Product Drawings

250 FASTON,PCB TAB,TCBR

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1742188-1\_C\_c-1742188-1-c.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1742188-1\\_C\\_c-1742188-1-c.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1742188-1\\_C\\_c-1742188-1-c.3d\\_stp.zip](#)

English

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

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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**

[Application Specification](#)

English

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**Product Environmental Compliance**

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English