

1217136-1 ✓ ACTIVE

FASTON | FASTON 250

TE Internal #: 1217136-1

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

### Product Type Features

Terminal Features	Stud Hole
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### Contact Features

PCB Contact Termination Area Plating Material Thickness	3.81 $\mu\text{m}$ [150 $\mu\text{in}$ ]
Contact Underplating Material Thickness	1.27 $\mu\text{m}$ , 2.54 $\mu\text{m}$ [50 $\mu\text{in}$ ][100 $\mu\text{in}$ ]
Contact Mating Area Plating Material Thickness	3.81 $\mu\text{m}$ [150 $\mu\text{in}$ ]
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, Nickel
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

With

### Dimensions

Extension Below Board

4.57 mm[.18 in]

Terminal Material Thickness

.8 mm[.032 in]

Stud Diameter

1.71 mm

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

10000

Packaging Method

Reel

### Other

Terminals &amp; Splices Comment

Insertion equipment available., Longer legs than standard.

### 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)  
 Candidate List Declared Against: JAN 2023 (233)  
 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 # 1217861-1 250 FASTON,PCB TAB,TCBR</p>	 <p>TE Part # 63949-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 1217127-1 250 FASTON,PCB TAB,TPBR</p>	 <p>TE Part # 1217566-1 250 FASTON,PCB TAB,TCBR</p>
 <p>TE Part # 1217126-1 250 FASTON,PCB TAB,TPBR</p>	 <p>TE Part # 1217539-1 250 FASTON,PCB TAB,TCBR</p>	 <p>TE Part # 63950-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 1217125-1 250 FASTON,PCB TAB,TPBR</p>
 <p>TE Part # 1217566-2 250 FASTON,PCB TAB,TCBR</p>	 <p>TE Part # 1217136-3 250 FASTON,PCB TAB,TNBR</p>	 <p>TE Part # 63862-2 250 FASTON TAB TPBR</p>	 <p>TE Part # 63950-6 FASTON 250 PCB TAB BR</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 #4-2176055-7  
RLP73K 2B R82 1% 1K RL



TE Part #4-1437664-0  
NC6-P108-07=NC6 ASSEMBLY



TE Part #63824-5  
250 FASTON TAB TPBR



TE Part #1217136-3  
250 FASTON,PCB TAB,TNBR



TE Part #2-1971798-5  
NEW GI CONN2.5 HDR ASMBLY 2P  
BLK D1.0



TE Part #2108744-1  
POWER 2P HDR ASSY L/PRO NAT

## Documents

### Product Drawings

[250 FASTON,PCB TAB,TNBR](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1217136-1\\_J\\_c-1217136-1-j.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1217136-1\\_J\\_c-1217136-1-j.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1217136-1\\_J\\_c-1217136-1-j.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**

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

English

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**Product Environmental Compliance**

[MD\\_1217136-1\\_11102014838\\_dmtec](#)

English

[MD\\_1217136-1\\_11102014838\\_dmtec](#)

English

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**Agency Approvals**

[CSA Certificate](#)

English

[CSA Certificate](#)

English