



Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**  
Mating Tab Width: **6.35 mm [ .25 in ]**  
Mating Tab Thickness: **.81 mm [.032 in ]**  
PCB Hole Diameter: **4.34 mm [.171 in ]**  
Termination Method to Printed Circuit Board: **Through Hole - Screw**

Features

Product Type Features

|                             |            |
|-----------------------------|------------|
| Insertion Force             | Low        |
| PCB Terminal Mounting Style | Stud Mount |

Configuration Features

|                |      |
|----------------|------|
| Stud Hole      | Yes  |
| Terminal Angle | 90 ° |

Body Features

|  |        |
|--|--------|
|  | 40 µin |
|--|--------|

Contact Features

|                               |                 |
|-------------------------------|-----------------|
| PCB Terminal Type             | Tab             |
| Mating Tab Width              | 6.35 mm[.25 in] |
| Mating Tab Thickness          | .81 mm[.032 in] |
| Terminal Plating Material     | Tin             |
| Contact Underplating Material | Brass           |
| Terminal Size                 | 6.35            |



|                      |      |
|----------------------|------|
| Terminal Orientation | Flag |
|----------------------|------|

Termination Features

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

Dimensions

|                                     |                  |
|-------------------------------------|------------------|
| Receptacle Terminal Stock Thickness | .78 mm[.031 in]  |
| Stud Diameter                       | 4.34 mm[.171 in] |
| PCB Hole Diameter                   | 4.34 mm[.171 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 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                     | 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

|                                                                                                                                   |                                                                                                                                  |                                                                                                                                    |                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 60465-2<br>250 FASTON TAB TPBR     | <br>TE Part # 41480<br>250 FASTON TAB TPBR      | <br>TE Part # 42822-4<br>250 FASTON TAB TPBR    | <br>TE Part # 42822-2<br>250 FASTON TAB TPBR |
| <br>TE Part # 1217558-2<br>250 FASTON,TAB,TPBR | <br>TE Part # 170001-3<br>187 FASTON,TAB,TPBR | <br>TE Part # 170001-2<br>187 FASTON,TAB,TPBR | <br>TE Part # 42214-1<br>250 FASTON TAB BR |
| <br>TE Part # 42095-1<br>250 FASTON TAB TPBR   | <br>TE Part # 42802-1<br>250 FASTON TAB TPBR  | <br>TE Part # 41619<br>250 FASTON TAB BR      | <br>TE Part # 41616<br>250 FASTON TAB BR   |
| <br>TE Part # 41617<br>250 FASTON TAB BR       | <br>TE Part # 140732-2<br>250 FASTON,TAB,TPBR |                                                                                                                                    |                                                                                                                                 |

Also in the Series | FASTON 250







Compression Connectors(4)



Crimp Terminal Housings(143)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(144)



Quick Disconnects(455)



Splices(4)

Documents

Product Drawings  
250 FASTON TAB TPBR  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_42214-2\_AA.2d\_dxf.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_42214-2\_AA.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_42214-2\_AA.3d\_stp.zip  
English

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

Datasheets & Catalog Pages  
FASTON Tabs  
English

Product Specifications  
Application Specification  
English

Product Environmental Compliance  
MD\_42214-2\_02252014026\_dmtec



English

[MD\\_42214-2\\_02252014026\\_dmtec](#)

English

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**Agency Approvals**

[CSA Certificate](#)

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