

FASTON 250 PCB TAB TPBR

✓ ACTIVE

FASTON | FASTON 250

TE Part # 1217136-1

TE Internal #: 1217136-1

[View on TE.com >](#)



Terminals & Splices > PCB Terminals



Terminal & Splice Type: **Tab**

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 ]**

Features

Product Type Features

|                |                       |
|----------------|-----------------------|
| FASTON         | Yes                   |
| Mounting Style | Stud Mount            |
| Terminates To  | Printed Circuit Board |

Configuration Features

|                |          |
|----------------|----------|
| Stud Hole      | Yes      |
| Terminal Angle | Straight |

Body Features

|                  |         |
|------------------|---------|
|                  | 150 μin |
| Plating Material | Tin     |

Contact Features

|                          |                |
|--------------------------|----------------|
| Contact Plating Material | Tin            |
| Terminal & Splice Type   | Tab            |
| Terminal Type            | Tab            |
| Underplating Material    | Copper, Nickel |
| Terminal Size            | 6.35           |



|                      |          |
|----------------------|----------|
| Terminal Orientation | Straight |
|----------------------|----------|

Termination Features

|                    |                       |
|--------------------|-----------------------|
| Termination Method | Through Hole - Solder |
|--------------------|-----------------------|

Mechanical Attachment

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

Dimensions

|                                     |                   |
|-------------------------------------|-------------------|
| Stud Diameter                       | 1.71 mm           |
| 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]   |
| Height Above PC Board               | 10.21 mm[.402 in] |
| Receptacle Terminal Stock Thickness | .8 mm[.0315 in]   |
| Extension Below Board               | 4.57 mm[.18 in]   |

Usage Conditions

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

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 10000 |
| Packaging Method   | Reel  |

Other

|         |                                                            |
|---------|------------------------------------------------------------|
| 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: JAN 2019 (197)<br>Candidate List Declared Against: JAN 2019 (197) |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | FASTON 250



Crimp Terminal Housings  
(126)



Insulation Boots & Sleeves  
(16)



Magnet Wire Terminals(1)



PCB Terminals(140)



Quick Disconnects(468)



Splices(4)

Customers Also Bought

FASTON 250 PCB TAB TPBR

TE Part # 1217136-1  
TE Internal #: 1217136-1



TE Part #4-794630-8  
18P MICRO MNL ASSY,  
VRT,HDR,LF



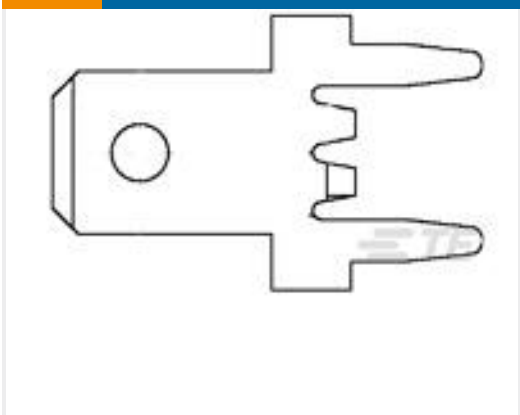
TE Part #178303-5  
6-P POST HDR D-3100D  
HORZ



TE Part #1-406507-4  
IMJ,1X1,P GRD,INSLT,LED  
(Y/G)SN



TE Part #5787082-9  
100 50SR R/A RCP ASSY,  
RDSN L/F



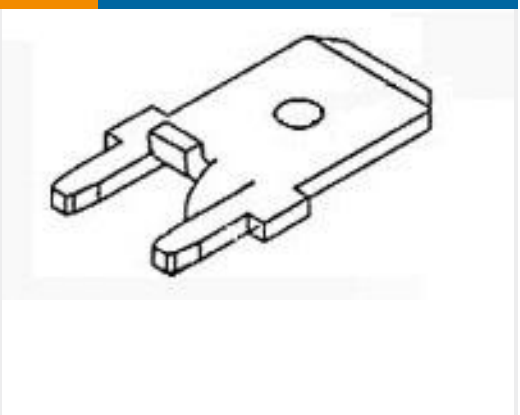
TE Part #63860-1  
FASTON 187 TAB TPBR



TE Part #3-644615-7  
07P MTA156 POL LOCK  
HDR TIN



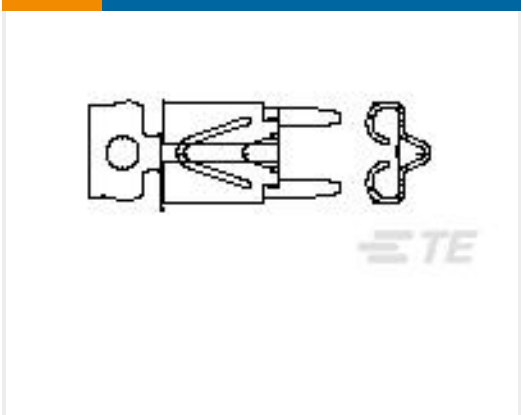
TE Part #2132415-4  
EP2.5 Shrouded HDR  
ASSY 4P VERT w/o boss



TE Part #1217167-1  
FASTON 250 PCB TAB  
TPBR



TE Part #1735446-4  
2MM PITCH HPI POST  
HEADER, VERTICAL, 4P



TE Part #1217137-1  
FASTON 250/205 REC  
PCB TPBR

Documents

Product Drawings  
FASTON 250 PCB TAB TPBR  
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

Datasheets & Catalog Pages  
PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS



English

[FASTON PCB Tabs and Receptacles](#)

English

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[Product Environmental Compliance](#)

[TE Material Declaration](#)

English

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[Agency Approvals](#)

[Agency Approval Document](#)

English