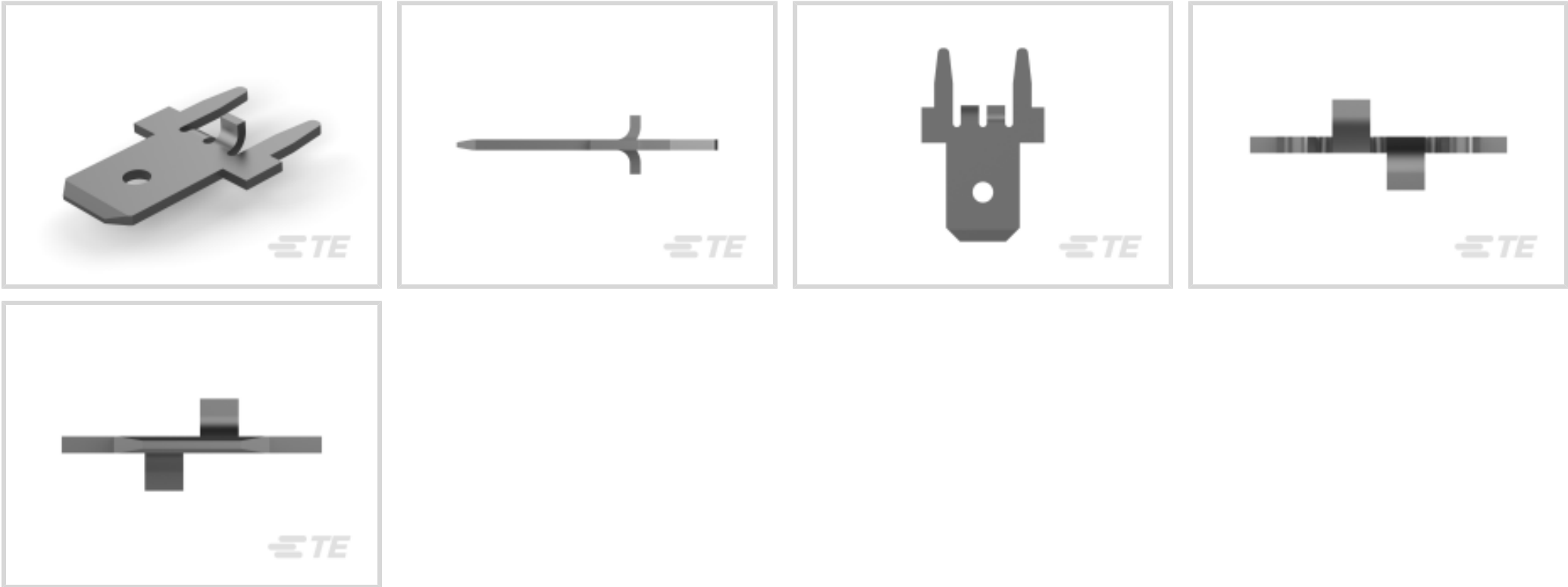




Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**

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

Mating Tab Width: **4.75 mm [ .187 in ]**

Mating Tab Thickness: **.51 mm [ .02 in ]**

PCB Hole Diameter: **1.32 mm [ .052 in ]**

Features

Product Type Features

|                   |           |
|-------------------|-----------|
| Terminal Features | Stud Hole |
|-------------------|-----------|

Contact Features

|                                                         |                                   |
|---------------------------------------------------------|-----------------------------------|
| PCB Contact Termination Area Plating Material Thickness | 3.81 μm[150 μin]                  |
| Contact Underplating Material Thickness                 | 1.27 μm, 2.54 μm[50 μin][100 μin] |
| Contact Mating Area Plating Material Thickness          | 3.81 μm[150 μin]                  |
| PCB Terminal Type                                       | Tab                               |
| Mating Tab Width                                        | 4.75 mm[.187 in]                  |
| Mating Tab Thickness                                    | .51 mm[.02 in]                    |
| Terminal Plating Material                               | Tin                               |
| Contact Underplating Material                           | Brass                             |
| Terminal Size                                           | 4.75                              |
| Terminal Orientation                                    | Straight                          |

Termination Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---------------------------------------------|-----------------------|



Product Terminates To

Printed Circuit Board

Mechanical Attachment

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

Dimensions

|                             |                  |
|-----------------------------|------------------|
| Extension Below Board       | 3.81 mm[.15 in]  |
| Terminal Material Thickness | .51 mm[.02 in]   |
| Stud Diameter               | 1.4 mm[.055 in]  |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| PCB Hole Diameter           | 1.32 mm[.052 in] |
| Profile Height from PCB     | 8.63 mm[.344 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -30 - 110 °C[-22 - 230 °F] |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 2000 |
| 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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                     | Pin-in-Paste capable to 260°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

|                                                    |                                                    |                                                    |                                                    |
|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| <br>TE Part # 1217169-1<br>250 FASTON,PCB TAB,TCBR | <br>TE Part # 61134-3<br>110 FASTON TAB TPBR       | <br>TE Part # 1217057-1<br>187 FASTON,PCB TAB,TPBR | <br>TE Part # 1217167-1<br>250 FASTON,PCB TAB,TCBR |
| <br>TE Part # 1217756-1<br>187 FASTON,TAB,TNBR     | <br>TE Part # 1217156-1<br>187 FASTON,PCB TAB,TNBR | <br>TE Part # 62747-1<br>FASTON 187 TAB STAKE TPBR | <br>TE Part # 1742686-1<br>250 FASTON,PCB TAB,TCBR |
| <br>TE Part # 725996-2<br>110 FASTON TAB TPBR      | <br>TE Part # 62437-1<br>110 FASTON TAB TPBR       | <br>TE Part # 62705-1<br>187 FASTON TAB TPBR       | <br>TE Part # 1217421-1<br>250 FASTON,PCB TAB,TNBR |

Also in the Series | FASTON 187

|                                 |                                     |                         |                       |
|---------------------------------|-------------------------------------|-------------------------|-----------------------|
| <br>Crimp Terminal Housings(41) | <br>Insertion & Extraction Tools(1) | <br>Joints & Splices(1) | <br>PCB Terminals(42) |
|---------------------------------|-------------------------------------|-------------------------|-----------------------|

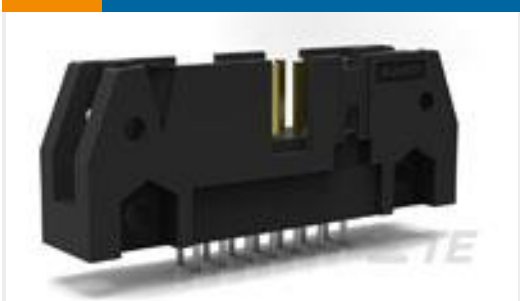


Quick Disconnects(208)



Splices(1)

Customers Also Bought



TE Part # 5102153-9  
A/L UNIV HDR 40P VERT



TE Part # 216548-1  
6/6 PCB MOD.JACK TE



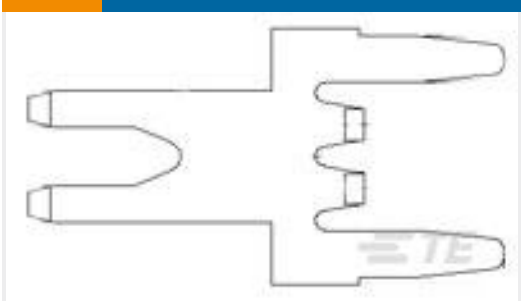
TE Part # 5-146258-5  
10 MODII HDR DRST B/A .100CL



TE Part # 2365497-6  
EP2.5 single row SMT header,GWT,6P



TE Part # 4-1123723-5  
3.96 EP HDR ASSY 5P(RED)



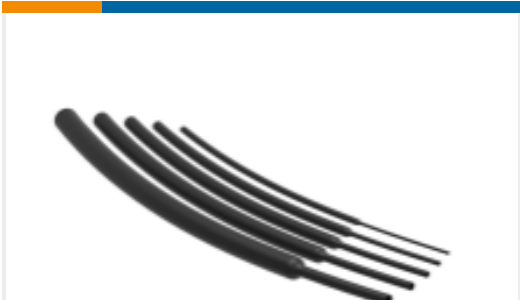
TE Part # 1217041-1  
TAB, POKE IN PCB 020 TPCUBR



TE Part # 1-1969730-0  
EP2.5 SHROUDED HDR ASSY 10P VERTICAL



TE Part # 4-2338245-9  
EP2.5 HDR 9P VERT BOSS,BLACK,UL



TE Part # EP00616001  
VERSAFIT-1/4-0-22MM

Documents

Product Drawings  
187 FASTON TAB TPBR  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_63982-1\_H\_c-63982-1-h.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_63982-1\\_H\\_c-63982-1-h.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63982-1\\_H\\_c-63982-1-h.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[FASTON PCB Tabs and Receptacles](#)

English

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

English

Product Specifications

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

English

[Product Specification](#)

English