

63982-1 ✓ ACTIVE

FASTON | FASTON 187

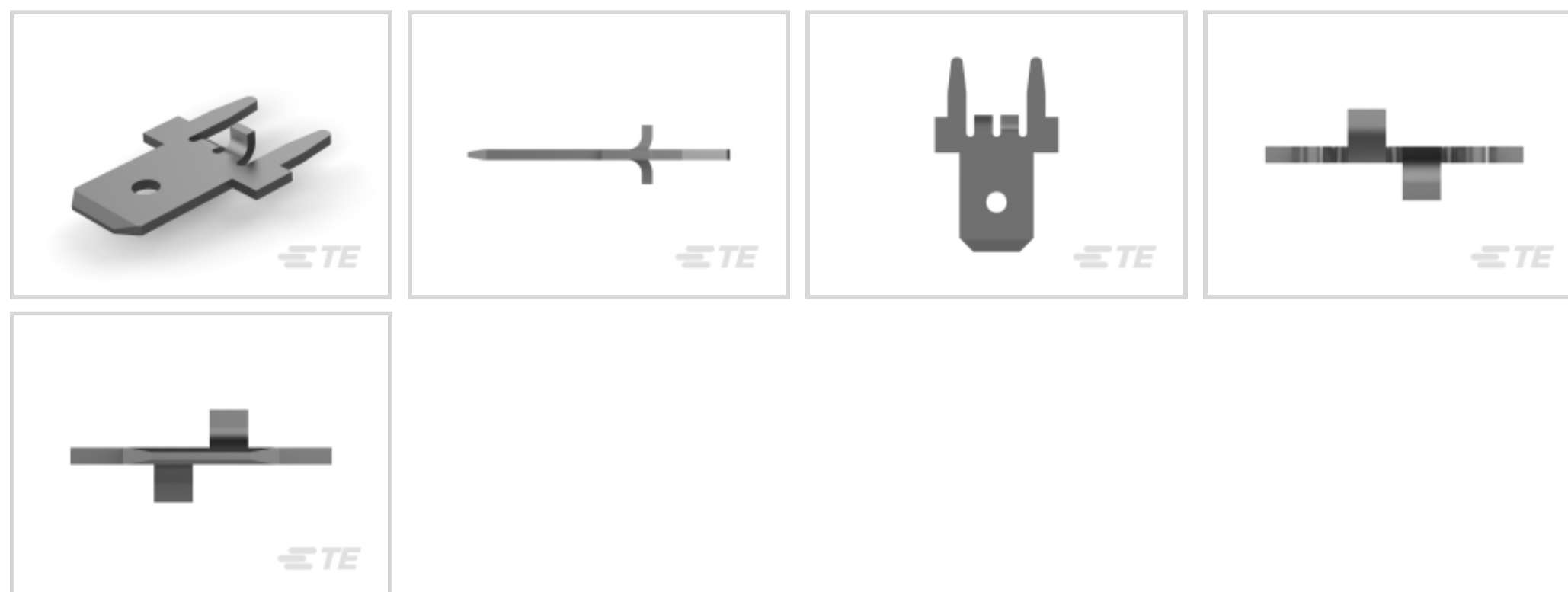
TE Internal #: 63982-1

PCB Terminals, Tab, Mating Tab Width .187 in [4.75 mm], PCB Hole Diameter 1.32 mm [.052 in], Through Hole - Solder, Tin Plating, Brass, FASTON 187

[View on TE.com >](#)



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

Other

Terminals & Splices Comment

Insertion equipment available.

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

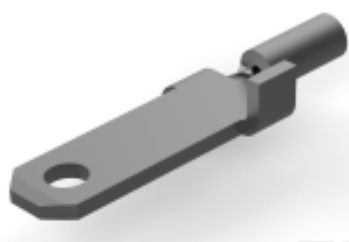




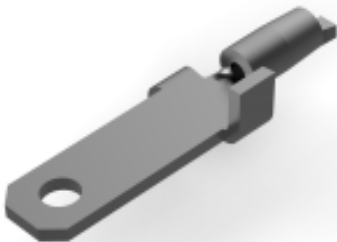
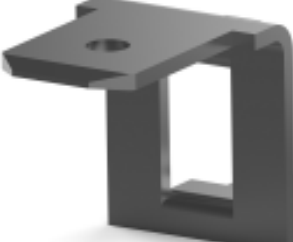
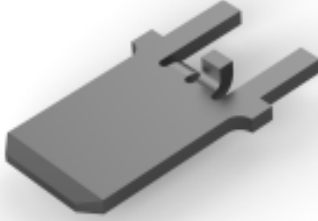




Solder Process Capability

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

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

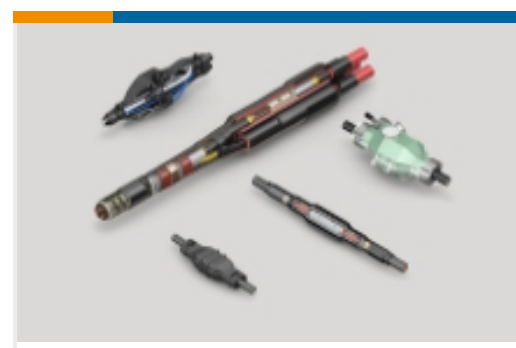
Also in the Series | **FASTON 187**



Crimp Terminal Housings(42)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(209)



Splices(1)

Customers Also Bought



TE Part #6-1879233-0
SMD Power Resistor: 7 Watt, 0.10-500 Ohm



TE Part #4-1879378-1
TLR 2512 2.0W R0025 1% 150PPM 2K RL



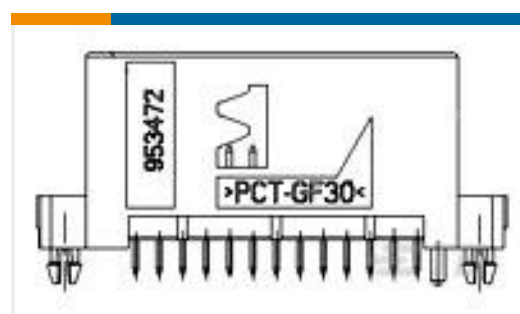
TE Part #3-1622824-6
RL73H 3A R20 1% 4K RL



TE Part #2-1445088-2
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #1-1625890-8
2W SM M/OX 5% 18K



TE Part #953472-1
26pos MQS .63 header 180deg THR



TE Part #2-1445088-8
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #225850-E
POWELM STIFT * M3 5 ** SMD 3 SN *
* J 3

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

Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English