

63603-1 ✓ ACTIVE

FASTON | FASTON 187

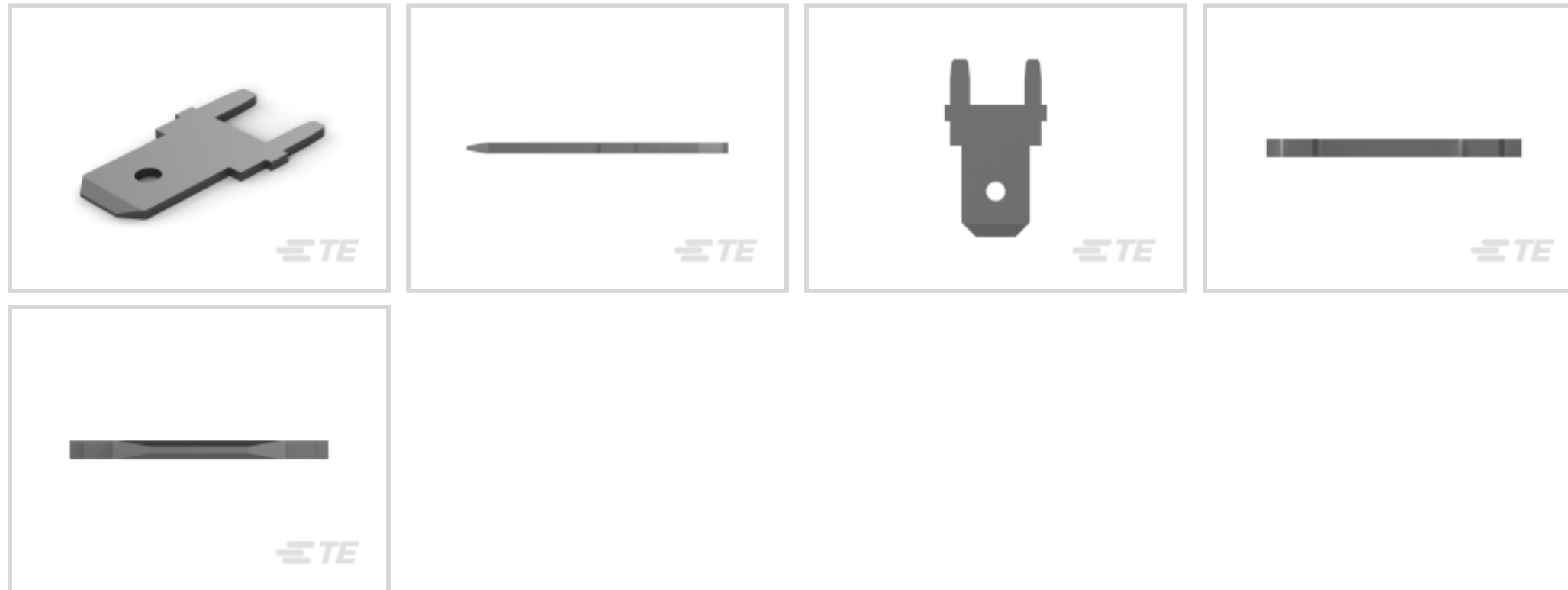
TE Internal #: 63603-1

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

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**

PCB Thickness (Recommended): **3.18 mm [.125 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

### Contact Features

PCB Contact Termination Area Plating Material Thickness	3.81 $\mu$ m[150 $\mu$ in]
Contact Underplating Material Thickness	2.54 $\mu$ m[100 $\mu$ in]
Contact Mating Area Plating Material Thickness	3.81 $\mu$ m[150 $\mu$ in]
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 PCB	Through Hole - Solder
Product Terminates To	Printed Circuit Board

### Mechanical Attachment



Wire Insulation Support	With
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### Dimensions

Extension Below Board	3.18 mm [.125 in]
Terminal Material Thickness	.51 mm [.02 in]
PCB Thickness (Recommended)	3.18 mm [.125 in]
PCB Hole Diameter	1.32 mm [.052 in]
Profile Height from PCB	9.19 mm [.366 in]

### Usage Conditions

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

### Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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### Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)


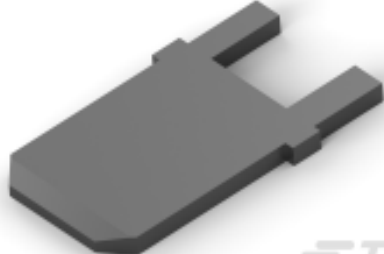





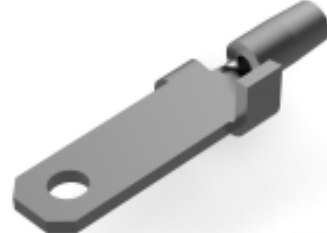






EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 63525-1 187 FASTON TAB TPBR</p>	 <p>TE Part # 62650-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 62395-1 110 FASTON TAB TPBR</p>	 <p>TE Part # 62221-1 187 FASTON TAB TPBR</p>
 <p>TE Part # 1217133-1 187 FASTON,PCB TAB,TNBR</p>	 <p>TE Part # 63756-1 110 FASTON TAB TPBR</p>	 <p>TE Part # 63823-1 187 FASTON TAB TPBR</p>	 <p>TE Part # 61968-1 110 FASTON TAB TPBR</p>
 <p>TE Part # 1217062-1 187 FASTON,FLAG,PCB TAB,TNBR</p>	 <p>TE Part # 1742361-1 187 FASTON,PCB TAB,TPBR</p>	 <p>TE Part # 1742428-1 110 FASTON,TAB,PCB,TPBR</p>	 <p>TE Part # 63755-1 250 FASTON TAB TPBR</p>
 <p>TE Part # 1742014-1 110 FASTON,PCB TAB,TPBR</p>	 <p>TE Part # 63838-1 187 FASTON TAB TPBR</p>		

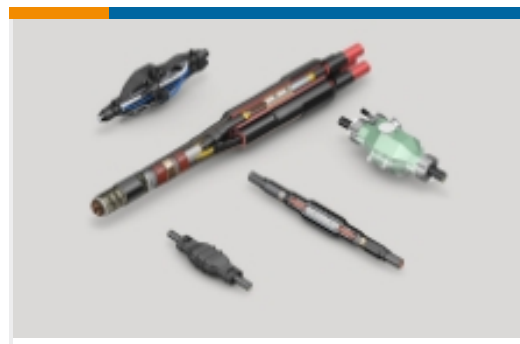
Also in the Series | **FASTON 187**



Crimp Terminal Housings(41)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)

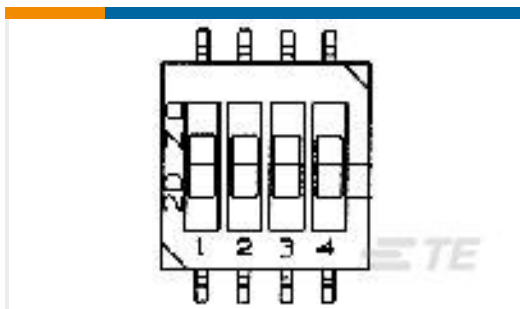


Quick Disconnects(208)

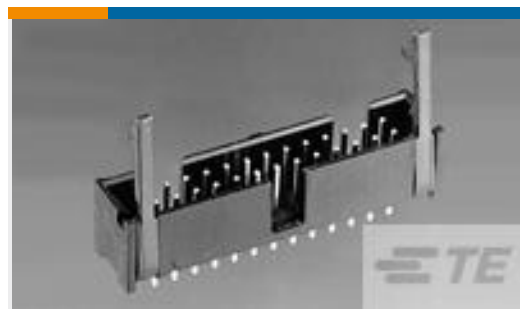


Splices(1)

## Customers Also Bought



TE Part #1825140-2  
MGDH04STR04=1/2 PITCH LOW P  
DIP T&R



TE Part #1761609-7  
IDC LOW PRO HDR 20P RA SHT LAT



TE Part #2301994-5  
RJ45 JACK INT.MAG. 1GB 1X1 INV.



TE Part #9-1879333-0  
CPF0402 180K 0.1% 25PPM 5K RL



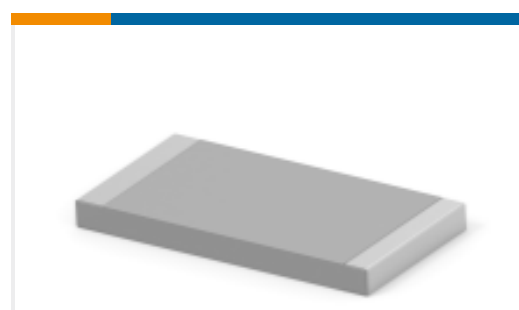
TE Part #1879417-3  
CPF0603 620K 0.1% 25PPM 5K RL



TE Part #5-2176337-3  
CRGCQ 0402 220K 1%



TE Part #3-2176337-4  
CRGCQ 0402 5K6 1%



TE Part #3-2176331-4  
CRGP 2512 5K6 1%



TE Part #1-2176322-9  
SMV 1W 3M3 5%

## Documents



### Product Drawings

#### 187 FASTON TAB TPBR

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63603-1\\_M\\_c-63603-1-m.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63603-1\\_M\\_c-63603-1-m.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63603-1\\_M\\_c-63603-1-m.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

#### Application Specification

English

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### Agency Approvals

#### CSA Certificate

English

#### CSA Certificate

English