

62221-1 ✓ ACTIVE

FASTON | FASTON 187

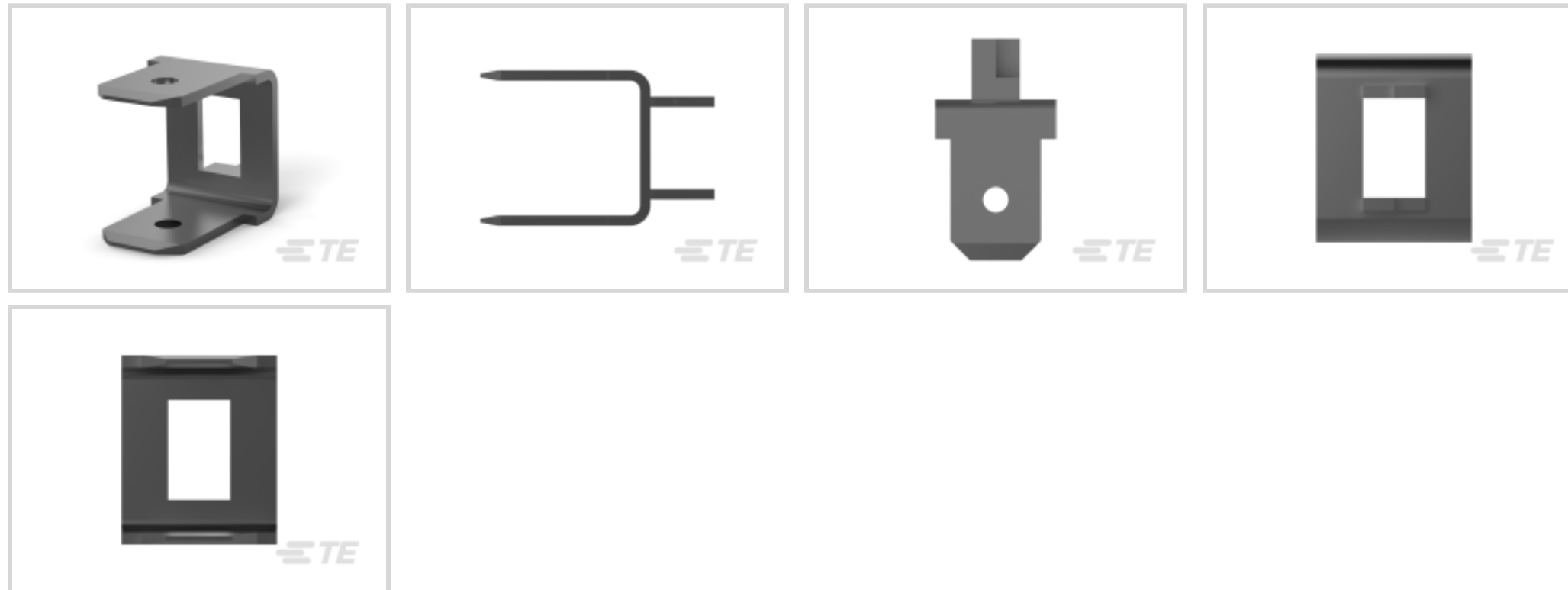
TE Internal #: 62221-1

PCB Terminals, Tab, Mating Tab Width .187 in [4.75 mm], PCB Hole Diameter 12.4 mm, Through Hole - Solder, Tin Plating, Copper, Reel, 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: **12.4 mm**

Features

Configuration Features

Connection Capacity	Multiple
---------------------	----------

Contact Features

PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 μm [150 – 250 μin]
Contact Underplating Material Thickness	2.54 μm [100 μin]
Contact Mating Area Plating Material Thickness	3.81 – 6.35 μm [150 – 250 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	Copper
Terminal Size	4.75
Terminal Orientation	Right Angle

Termination Features

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



Product Terminates To

Printed Circuit Board

Mechanical Attachment

Wire Insulation Support

Without

Dimensions

Extension Below Board

3.18 mm[.125 in]

Terminal Material Thickness

.51 mm[.02 in]

PCB Thickness (Recommended)

1.57 mm[.062 in]

PCB Hole Diameter

12.4 mm

Profile Height from PCB

8.43 mm[.336 in]

Usage Conditions

Insulation Option

Uninsulated

Operating Temperature Range

-30 – 110 °C[-22 – 230 °F]

Industry Standards

Agency/Standard

CSA, UL

Packaging Features

Packaging Quantity

10000

Packaging Method

Reel

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

Not applicable for solder process capability

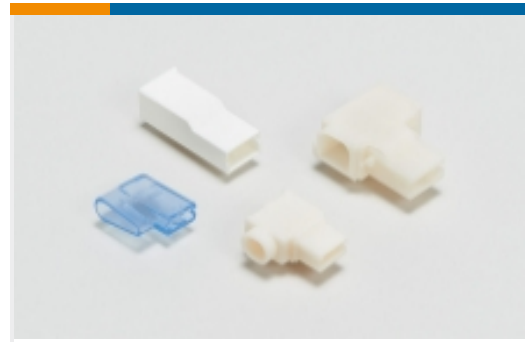
Product Compliance Disclaimer

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



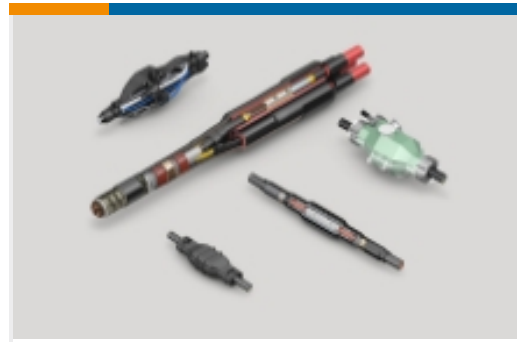
Also in the Series | FASTON 187



Crimp Terminal Housings(42)



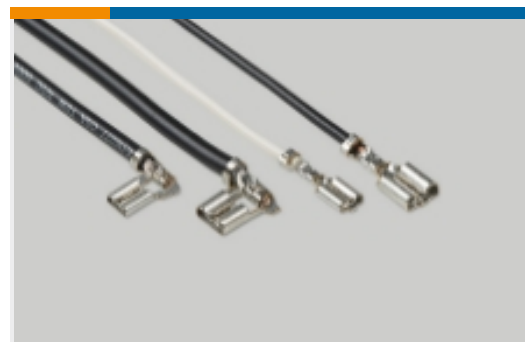
Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)

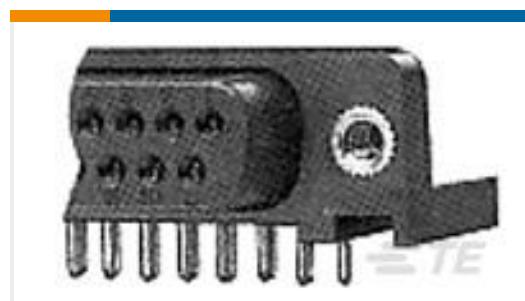


Quick Disconnects(209)



Splices(1)

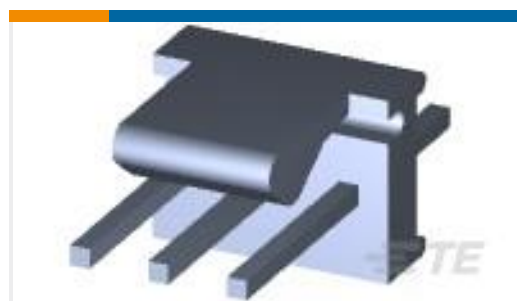
Customers Also Bought



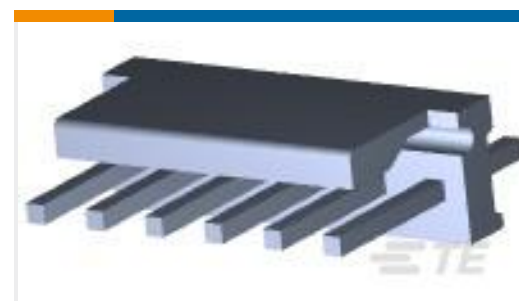
TE Part #5788796-3
09 HTMSFL ASSY RA 318 (IN, BL)



TE Part #1-1827864-8
DYNAMIC 1200D REC HSG 16PX BLACK



TE Part #3-641126-3
03P MTA100 HDR ASY FL/STR LF



TE Part #644752-6
06P MTA156 HDR ASSY SQ STR F/L



TE Part #63667-1
MAG-MATE 187 FAST TAB 020TPBR



TE Part #HPP809A031
RH/T HTM2500LF TRANSDUCER



TE Part #2232901-1
AMP POWER DBL LOCK REC (L)



TE Part #2399608-1
3POS,HVP1400,ASSY,180DEG,COD A /B/C



TE Part #2825663-1
MAG-MATE W/250 CONN TAB TPBR



Documents

Product Drawings

187 FASTON TAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_62221-1_AD_c-62221-1-ad.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62221-1_AD_c-62221-1-ad.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62221-1_AD_c-62221-1-ad.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

Agency Approvals

CSA Certificate

English

CSA Certificate

English