



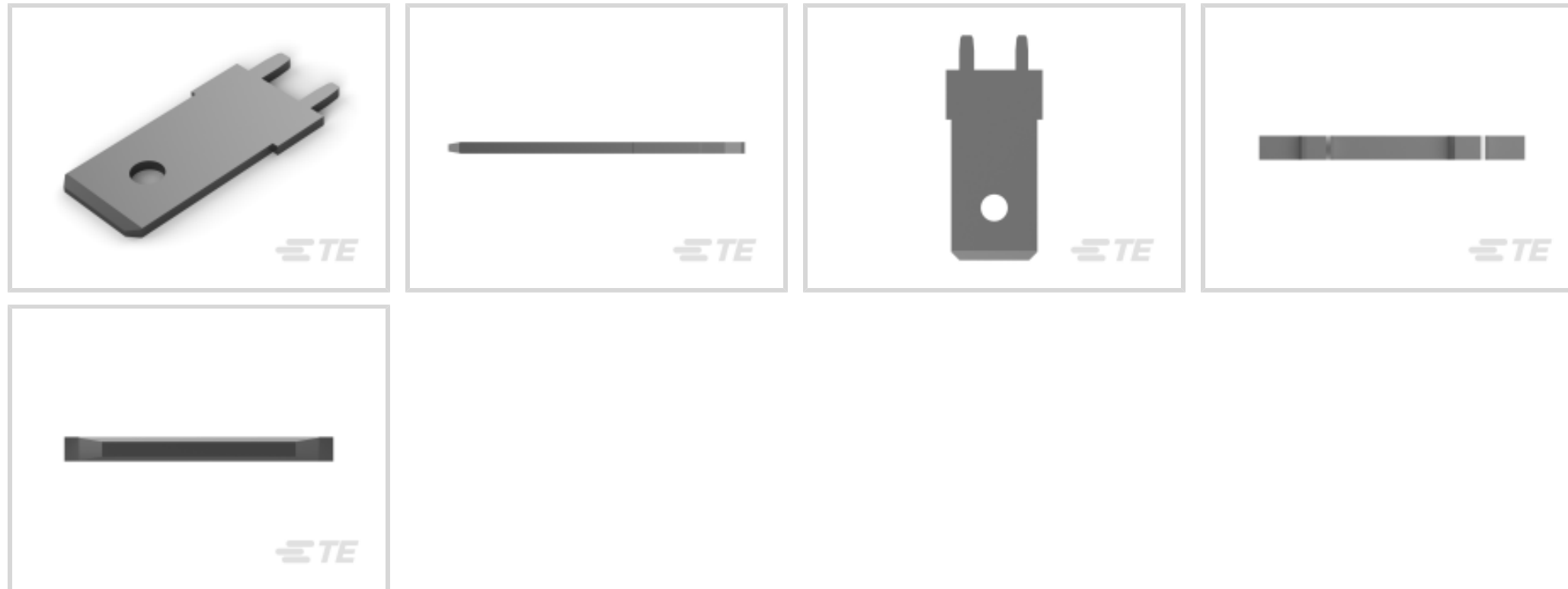
FASTON | FASTON 312

TE Internal #: 1742803-1

PCB Terminals, Tab, Mating Tab Width .312 in [7.92 mm], PCB Hole Diameter 1.4 mm [.055 in], Through Hole - Solder, Tin Plating, Copper, FASTON 312

[View on TE.com >](#)

Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**

Mating Tab Width: **7.92 mm [.312 in]**

Mating Tab Thickness: **.8 mm [.031 in]**

PCB Hole Diameter: **1.4 mm [.055 in]**

Profile Height from PCB: **17.5 mm [.697 in]**

Features

Configuration Features

Connection Capacity	Single
---------------------	--------

Contact Features

PCB Contact Termination Area Plating Material Thickness	3.81 μm[150 μin]
Contact Underplating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material Thickness	3.81 μm[150 μin]
PCB Terminal Type	Tab
Mating Tab Width	7.92 mm[.312 in]
Mating Tab Thickness	.8 mm[.031 in]
Terminal Plating Material	Tin
Contact Underplating Material	Copper
Terminal Size	7.92
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

Without

Dimensions

Extension Below Board

3.18 mm[.125 in]

Terminal Material Thickness

.8 mm[.031 in]

PCB Hole Diameter

1.4 mm[.055 in]

Profile Height from PCB

17.5 mm[.697 in]

Usage Conditions

Insulation Option

Uninsulated

Operating Temperature Range

-30 – 110 °C[-22 – 230 °F]

Packaging Features

Packaging Quantity

10000

Packaging Method

Box

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 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



TE Part # 1217057-1
187 FASTON,PCB TAB,TPBR



TE Part # 1217056-1
250 FASTON,PCB TAB,TPBR



TE Part # 1742188-1
250 FASTON,PCB TAB,TCBR



TE Part # 1217156-1
187 FASTON,PCB TAB,TNBR



TE Part # 62747-1
FASTON 187 TAB STAKE TPBR



TE Part # 63900-1
250 FASTON TAB TPBR



TE Part # 60284-2
205 FASTON TAB TPBR



TE Part # 1-725996-2
110 FASTON,FLAG,PCB TAB,TPBR




TE Part # 62705-1
187 FASTON TAB TPBR




TE Part # 1-1217056-0
250 FASTON,PCB TAB,TPBR


Also in the Series | FASTON 312



Crimp Terminal Housings(3)

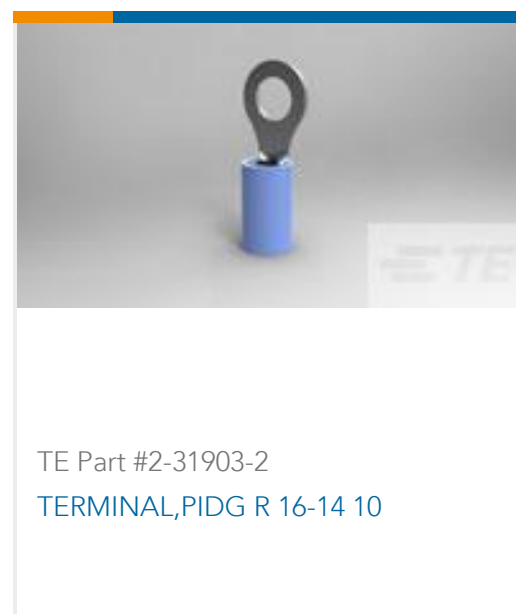


PCB Terminals(1)



Quick Disconnects(9)

Customers Also Bought



Documents

Product Drawings

FASTON 312 PCB TAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1742803-1_C_c-1742803-1-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742803-1_C_c-1742803-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742803-1_C_c-1742803-1-c.3d_stp.zip](#)

English

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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

CSA Certificate

English

1742803-1

PCB Terminals, Tab, Mating Tab Width .312 in [7.92 mm], PCB Hole Diameter 1.4 mm [.055 in], Through Hole - Solder, Tin Plating, Copper, FASTON 312



CSA Certificate

English