

63971-1 ✓ ACTIVE

FASTON | FASTON 250

TE Internal #: 63971-1

PCB Terminals, Tab, Mating Tab Width .25 in [6.35 mm], PCB Hole Diameter 5.16 mm [.203 in], Through Hole - Screw, Tin Plating, None, Bag, FASTON 250

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**

Mating Tab Width: **6.35 mm [ .25 in ]**

Mating Tab Thickness: **.81 mm [ .032 in ]**

PCB Hole Diameter: **5.16 mm [ .203 in ]**

Profile Height from PCB: **10 mm [ .394 in ]**

## Features

### Product Type Features

Terminal Features	Stud Hole
Insertion Force	Normal

### Contact Features

Terminal Plating Finish	Matte
PCB Contact Termination Area Plating Material Thickness	1.01 $\mu\text{m}$ [40 $\mu\text{in}$ ]
Contact Mating Area Plating Material Thickness	1.01 $\mu\text{m}$ [40 $\mu\text{in}$ ]
PCB Terminal Type	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Plating Material	Tin
Contact Underplating Material	None
Terminal Size	6.35
Terminal Orientation	Right Angle

### Termination Features



Termination Method to Printed Circuit Board	Through Hole - Screw
Product Terminates To	Printed Circuit Board

### Dimensions

Stud Diameter	5.16 mm [.203 in]
PCB Hole Diameter	5.16 mm [.203 in]
Profile Height from PCB	10 mm [.394 in]

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]

### Industry Standards

Agency/Standard	CSA, UL
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### Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

### Product Compliance

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








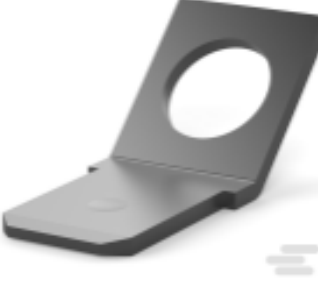


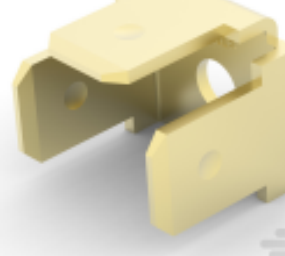




EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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

 <p>TE Part # 181948-2 250 FASTON,TAB,TPBR</p>	 <p>TE Part # 42802-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 41480 250 FASTON TAB TPBR</p>	 <p>TE Part # 42117-2 250 FASTON TAB TPBR</p>
 <p>TE Part # 63038-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 181953-1 250 FASTON,TAB,BR</p>	 <p>TE Part # 61499-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 61365-1 250 FASTON TAB TPBR</p>
 <p>TE Part # 60080-2 250 FASTON TAB TPBR</p>	 <p>TE Part # 181949-2 250 FASTON,TAB,TPBR</p>	 <p>TE Part # 62261-1 250 FASTON TAB BR</p>	 <p>TE Part # 62627-1 250 FASTON TAB TPST</p>
 <p>TE Part # 42095-1 250 FASTON TAB TPBR</p>	 <p>TE Part # 160650-2 250 FASTON,PCB TAB,TNBR</p>	 <p>TE Part # 62166-1 250 FASTON TAB BR</p>	

Also in the Series | **FASTON 250**



Compression Connectors(4)



Crimp Terminal Housings(142)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)



Quick Disconnects(445)



Splices(4)

## Customers Also Bought



TE Part #3-1609115-4  
10EGG1-1=F8227



TE Part #63137-1  
250 FASOTN FLAG REC 20-16 AWG  
TPBZ



TE Part #40955  
RING 20-16 AWG .0295 X .390 TPBR



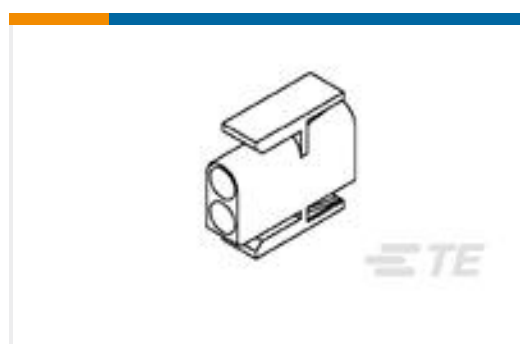
TE Part #2213766-1  
AV19 SPM 5A POWER LED WHITE 12V



TE Part #1-2213766-5  
AV19 SPM 5A POWER LED GREEN 24V



TE Part #42822-4  
250 FASTON TAB TPBR



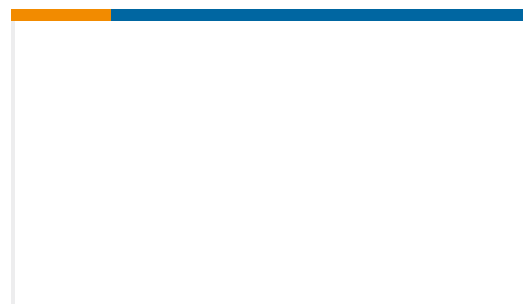
TE Part #794060-1  
03P .140 MNL PLUG BLK HT



TE Part #1-530652-4  
CONTACT LOW PRO 30AU/100SN



TE Part #5504008-3  
CONN KIT,STC,125UM MM, 3mm



TE Part #73560011-000  
JL 250MHR TP-3952

## Documents



### Product Drawings

#### 250 FASTON TAB TPBR

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63971-1\\_D\\_c-63971-1-d.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63971-1\\_D\\_c-63971-1-d.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63971-1\\_D\\_c-63971-1-d.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 Tabs

English

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### Product Specifications

#### Application Specification

English

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### Product Environmental Compliance

#### TE Material Declaration

English