# 63952-1 ✔ ACTIVE

FASTON | FASTON 250

TE Internal #: 63952-1

Tab, Mating Tab Width 6.35 mm [.25 in], PCB Hole Diameter 1.4 mm [.055 in], Through Hole - Solder, Tin Plating, Nickel, FASTON 250, PCB Terminals

View on TE.com >

Terminals & Splices > PCB Terminals







PCB Terminal Type: **Tab**

PCB Thickness (Recommended): **1.57 mm [ .062 in ]**

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

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

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

## Features

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | UL, CSA |

### Configuration Features

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

### Usage Conditions

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

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 8000 |
| Packaging Method | Package |

### Dimensions

| | |
|---|---|
| Extension Below Board | 3.81 mm[150 in] |
| Terminal Material Thickness | .8 mm[.031 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |

| | |
|---|---|
| PCB Hole Diameter | 1.4 mm[.055 in] |
| Profile Height from PCB | 7.62 mm[.304 in] |

## Contact Features

| | |
|---|---|
| PCB Contact Termination Area Plating Material Thickness | 3.81 µm[150 µin] |
| Contact Underplating Material Thickness | 1.27 µm[50 µin] |
| Contact Mating Area Plating Material Thickness | 3.81 µm[150 µin] |
| PCB Terminal Type | Tab |
| Mating Tab Width | 6.35 mm[.25 in] |
| Mating Tab Thickness | .8 mm[.031 in] |
| Terminal Plating Material | Tin |
| Contact Underplating Material | Nickel |
| Terminal Size | 6.35 |
| Terminal Orientation | Right Angle |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |
| Product Terminates To | Printed Circuit Board |

## Mechanical Attachment

| | |
|---|---|
| Wire Insulation Support | Without |

## Other

| | |
|---|---|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

## 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |

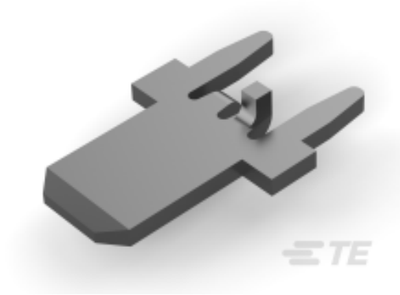
Solder Process Capability

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



TE Part # 63860-1
187 FASTON TAB TPBR



TE Part # 63951-1
250 FASTON TAB TPBR



TE Part # 1217061-1
187 FASTON,FLAG,TAB,TNBR



TE Part # 63949-1
250 FASTON TAB TPBR



TE Part # 1742303-1
250 FASTON,PCB TAB,TNBR



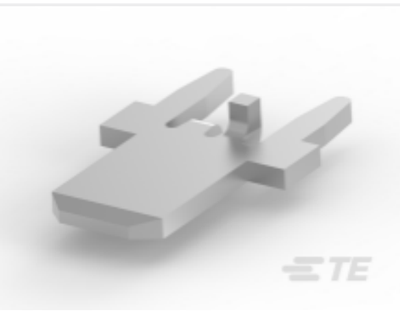
TE Part # 63950-1
250 FASTON TAB TPBR



TE Part # 63951-4
250 FASTON TAB TPBR



TE Part # 1217062-1
187 FASTON,FLAG,PCB TAB,TNBR



TE Part # 63860-2
187 FASTON TAB TPBR



TE Part # 63951-8
250 FASTON TAB TPBR



TE Part # 63824-5
250 FASTON TAB TPBR



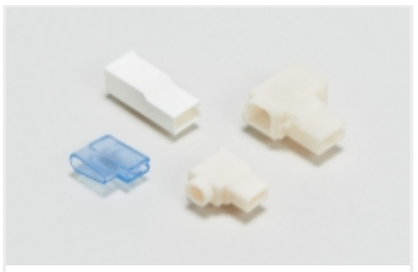
TE Part # 1217136-3
250 FASTON,PCB TAB,TNBR

TE Part # 63950-6
FASTON 250 PCB TAB BR

## Also in the Series | FASTON 250



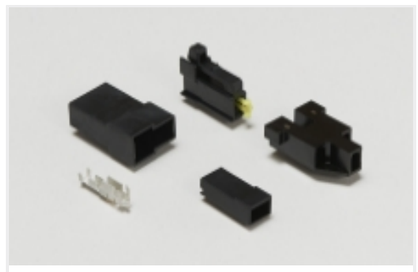
Compression Connectors(4)



Crimp Terminal Housings(132)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(134)



Quick Disconnects(425)

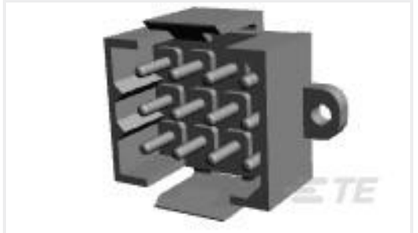


Splices(4)

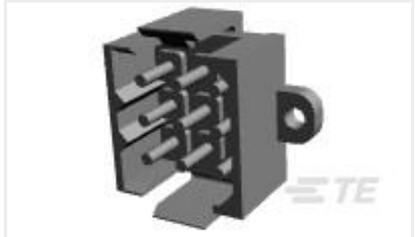
## Customers Also Bought



TE Part #207526-7
SKT HDR ASSY,9 POSN,METRIMATE



TE Part #207120-8
METRIMATE PIN HEADER ASSY,12P



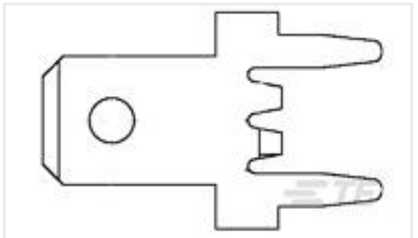
TE Part #207441-7
METRIMATE PIN HEADER ASSY,9P



TE Part #207439-1
9 POS SQ GRID METRIMATE-PLUG



TE Part #1-66359-4
III+ PIN,18-14,TIN,STRIP



TE Part #63823-1
187 FASTON TAB TPBR



TE Part #3-794679-4
04P MICRO MNL ASSY,R/A,THRU,LF



TE Part #641936-6
09P MTA156 HDR ASSY F/L W/O#8

# Documents

## Product Drawings

250 FASTON TAB TPBR

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63952-1_K_c-63952-1-k.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63952-1_K_c-63952-1-k.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63952-1_K_c-63952-1-k.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

Application Specification

English

## Agency Approvals

CSA Certificate

English

CSA Certificate

English