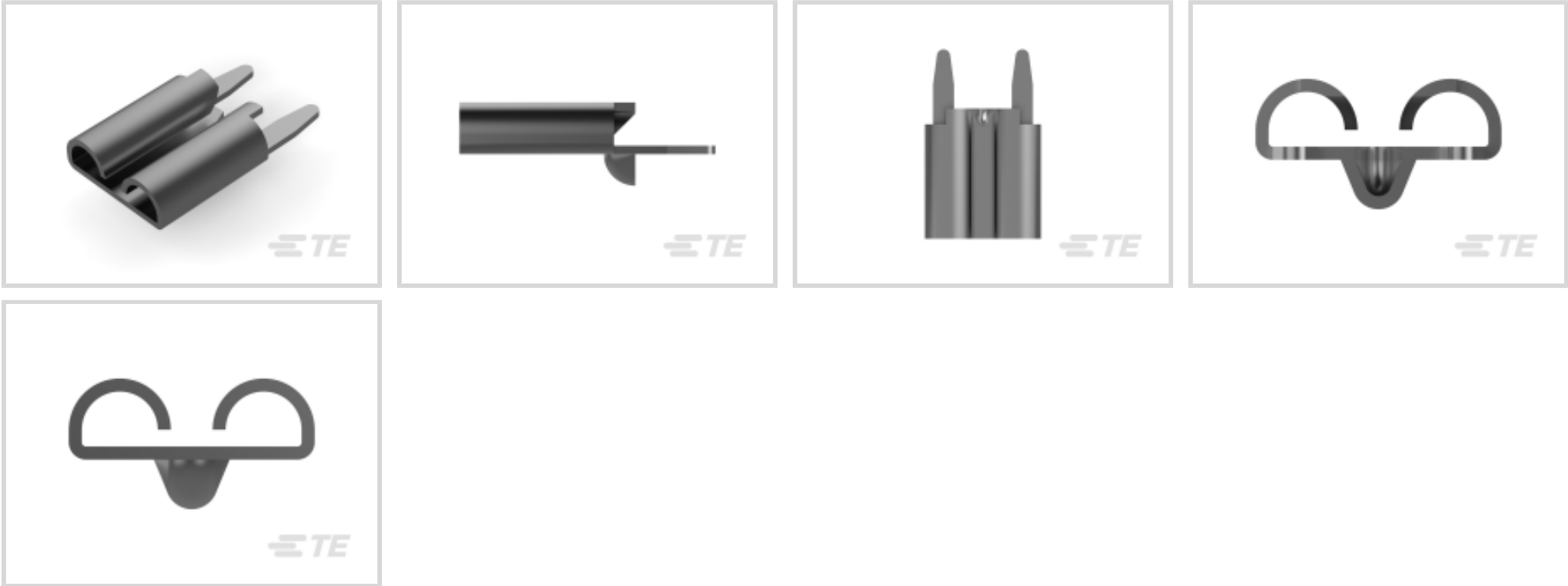




Terminals & Splices > PCB Terminals



Terminal & Splice Type: **Receptacle**  
PCB Terminal Terminal Type: **Receptacle**  
PCB Terminal PCB Thickness (Recommended): **1.57 mm [ .062 in ]**  
PCB Terminal Mating Tab Width: **5.21 mm, 6.35 mm [ .205 in, .25 in ]**  
PCB Terminal Mating Tab Thickness: **.64 mm, .8 mm [ .025 in, .031 in ]**

Features

Product Type Features

|                 |                       |
|-----------------|-----------------------|
| Insertion Force | Low                   |
| FASTON          | No                    |
| Terminates To   | Printed Circuit Board |

Configuration Features

|                     |          |
|---------------------|----------|
| Connection Capacity | Single   |
| Stud Hole           | No       |
| Terminal Angle      | Straight |

Body Features

|                               |                  |
|-------------------------------|------------------|
| Plating Thickness             | 2.54 µm[100 µin] |
| PCB Terminal Plating Material | Tin              |

Contact Features

|                            |            |
|----------------------------|------------|
| Contact Plating Material   | Tin        |
| Terminal & Splice Type     | Receptacle |
| PCB Terminal Terminal Type | Receptacle |



|                                   |           |
|-----------------------------------|-----------|
| Underplating Material             | Nickel    |
| Terminal Size                     | 5.2, 6.35 |
| PCB Terminal Terminal Orientation | Straight  |

Termination Features

|                                 |                       |
|---------------------------------|-----------------------|
| PCB Terminal Termination Method | Through Hole - Solder |
|---------------------------------|-----------------------|

Mechanical Attachment

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

Dimensions

|                                          |                                   |
|------------------------------------------|-----------------------------------|
| PCB Terminal PCB Thickness (Recommended) | 1.57 mm[.062 in]                  |
| PCB Terminal Mating Tab Width            | 5.21 mm, 6.35 mm[.205 in][.25 in] |
| PCB Terminal Mating Tab Thickness        | .64 mm, .8 mm[.025 in][.031 in]   |
| PCB Hole Diameter                        | 1.4 mm[.055 in]                   |
| Height Above PC Board                    | 8.38 mm[.334 in]                  |
| Receptacle Terminal Stock Thickness      | .41 mm[.016 in]                   |
| Extension Below Board                    | 3.81 mm[.15 in]                   |

Usage Conditions

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

Packaging Features

|                               |      |
|-------------------------------|------|
| Packaging Quantity            | 2800 |
| PCB Terminal Packaging Method | Reel |

Other

|      |        |
|------|--------|
| Line | Budget |
|------|--------|

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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211) |



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 240°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

|                                                              |                                                            |                                                        |                                                            |
|--------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|
| <br>TE Part # 63968-1<br>FASTON 205/250 LIF PCB MOUNTED TPBR | <br>TE Part # 62806-1<br>FASTON 250 PCB TAB TPBR           | <br>TE Part # 1217137-1<br>FASTON 250/205 REC PCB TPBR | <br>TE Part # 62751-1<br>FASTON 250 PCB TAB TPBR           |
| <br>TE Part # CAT-P100<br>P100 PIN INSERTION MACHINE         | <br>TE Part # CAT-P300<br>P300 PIN INSERTION MACHINE       | <br>TE Part # CAT-P360<br>P360 PIN INSERTION MACHINE   | <br>TE Part # CAT-P550<br>P550 PIN INSERTION MACHINE       |
| <br>TE Part # 63969-1<br>FASTON 205/250 PCB MOUNTED TPBR     | <br>TE Part # 1217080-1<br>FASTON 205/250 PCB MOUNTED TPBR | <br>TE Part # 1217107-1<br>250 FASTON,REC.,TPPB        | <br>TE Part # 1217137-2<br>FASTON 205/250 PCB MOUNTED TPBR |



Also in the Series

FASTON 205

Crimp Terminal Housings(3)

PCB Terminals(11)

Quick Disconnects(39)

Customers Also Bought

TE Part #2-1419104-1  
PCB Power Relay: 30 Amp,  
Monostable DC

TE Part #1-640445-1  
11P MTA156 HDR ASSY FL/STR SN

TE Part #1892787-6  
Assy Vert MINIPAK HDL Rcpt 25s

TE Part #1-770974-0  
16P MINI UMNL R/A HDR ASSY SN

TE Part #1217566-1  
250 FASTON,PCB TAB,TCBR

TE Part #1217137-1  
FASTON 250/205 REC PCB TPBR

TE Part #G-MRCO-037  
AMR SENSOR COMPONENT STOCK  
LIST

TE Part #2-1625892-1  
3W SM M/OX 5% 1K0

TE Part #1746311-1  
Std USB Type A, R/A, T/H

TE Part #1676666-3  
RN 0805 20R 0.1% 10PPM 5K RL

Documents

Product Drawings

FASTON 205/250 PCB MOUNTED TPBR

English

CAD Files

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_63994-1\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63994-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_63994-1\\_F.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

[Application Specification](#)

English

Product Environmental Compliance

[MD\\_63994-1\\_040220172343\\_dmtec](#)

English

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English