



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

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

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

Features

Product Type Features

|                 |        |
|-----------------|--------|
| Insertion Force | Normal |
|-----------------|--------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Connection Capacity               | Single        |
| Compatible With Wire & Cable Type | Discrete Wire |

Contact Features

|                                |                 |
|--------------------------------|-----------------|
| Quick Disconnect Terminal Type | Receptacle      |
| Mating Tab Width               | 6.35 mm[.25 in] |
| Mating Tab Thickness           | .81 mm[.032 in] |
| Terminal Orientation           | Flag            |
| Contact Base Material          | Phosphor Bronze |
| Terminal Plating Material      | Tin             |
| Crimp Type                     | F-Crimp         |
| Barrel Type                    | Open            |

Termination Features

|  |  |
|--|--|
|  |  |
|--|--|



|                       |              |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Mechanical Attachment

|                         |        |
|-------------------------|--------|
| Wire Insulation Support | With   |
| Mating Retention Type   | Dimple |

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .46 mm[.018 in]             |
| Product Length                       | 16.26 mm[.64 in]            |
| Compatible Insulation Diameter Range | 2.29 – 3.3 mm[.09 – .13 in] |
| Wire Size                            | .51 – 1.31 mm²              |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

Industry Standards

|                 |         |
|-----------------|---------|
| Agency/Standard | CSA, UL |
|-----------------|---------|

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 2500       |
| Packaging Method   | Strip/Reel |

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)<br>Candidate List Declared Against: JAN 2023 (233)<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                     | 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 # 62048-2<br/>250 FASTON REC 18-14 AWG TPBR</p>       |  <p>TE Part # 61188-1<br/>250 FASTON FLAG REC 16-12 AWG TPBZ</p>      |  <p>TE Part # 41800<br/>250 FASTON FLAG REC 18-12 AWG TPBZ</p>        |  <p>TE Part # 61187-1<br/>250 FASTON FLAG REC 12-10 AWG PHBZ</p>       |
|  <p>TE Part # 63647-3<br/>250 FASTON FLAG REC 18-14 AWG TPBR</p> |  <p>TE Part # 60274-2<br/>250 FASTON FLAG REC 18-12 AWG TPBZ</p>     |  <p>TE Part # 2232111-1<br/>250 FASTON,FLAG,REC.,12-20 AWG, TPBR</p> |  <p>TE Part # 1217904-1<br/>250 FASTON,FLAG,REV REC.,22-16 AWG,BR</p> |
|  <p>TE Part # 63647-1<br/>250 FASTON FLAG REC 18-14 AWG BR</p>   |  <p>TE Part # 2232111-3<br/>250 FASTON,FLAG,REC.,12-20 AWG, TPBR</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 #40723  
RING 138(3.50 MM) TERMINAL18-14 AWG TPBR



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



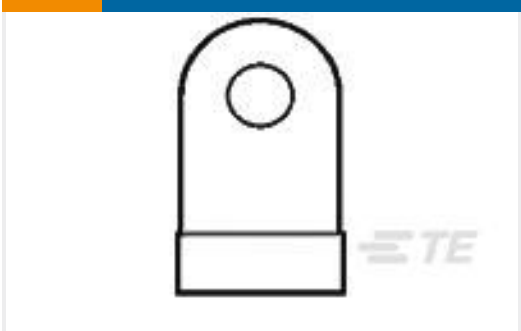
TE Part #41532  
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #41800  
250 FASTON FLAG REC 18-12 AWG TPBZ



TE Part #42742-2  
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #325069  
TERMINAL,SOLIS FLAG R 16-14 8



TE Part #2-31894-2  
PIDG 22-16 22-18MIL R 1/4;TAPE



TE Part #1803019-4  
CRIMPER, INSULATION O



TE Part #1803095-1  
FLOATING SHEAR, FRONT



TE Part #1803364-2  
CRIMPER, WIRE, F PREMIUM NON-TYPICAL RK

Documents



Product Drawings

250 FASOTN FLAG REC 20-16 AWG TPBZ

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_63137-1\_E.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_63137-1\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_63137-1\_E.3d\_stp.zip

English

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

Datasheets & Catalog Pages

82004 FASTON Terminals (Insulated and Uninsulated) Catalog - FASTON Receptacles Section

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English