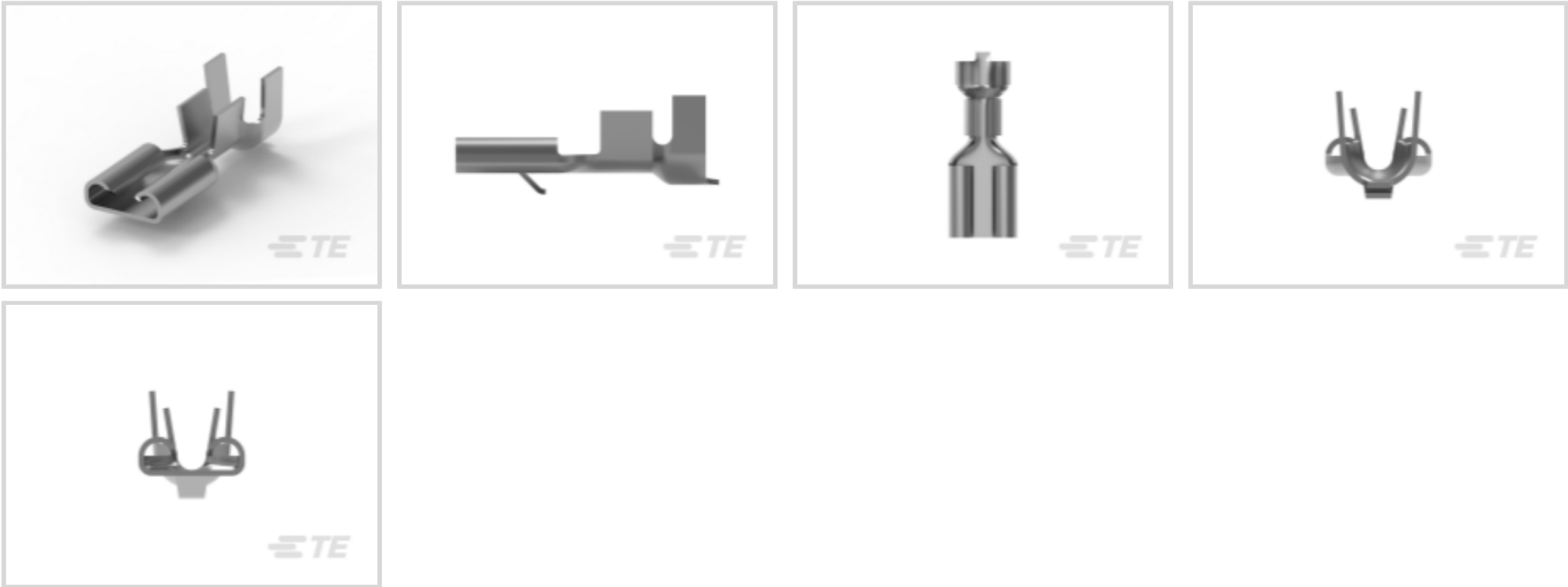




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1.31 – 3.31 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           | Straight        |
| Contact Base Material          | Brass           |
| 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   | Locking Lance |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Terminal Material Thickness          | .41 mm[.016 in]              |
| Product Length                       | 19.05 mm[.75 in]             |
| Compatible Insulation Diameter Range | 3.81 – 4.83 mm[.15 – .19 in] |
| Wire Size                            | 1.31 – 3.31 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 | 8000       |
| 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

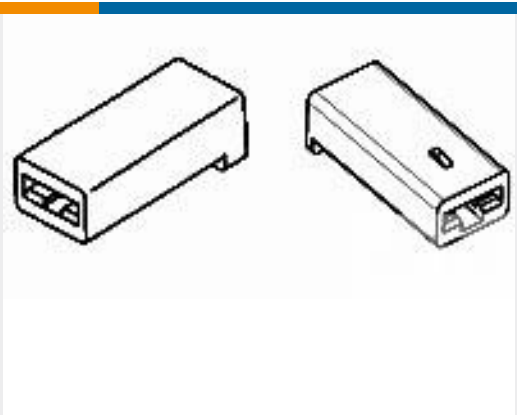
|                                                            |                                                         |                                                         |                                                           |
|------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|
| <br>TE Part # 42663-2<br>FF 312 REC 16-12AWG TPBR          | <br>TE Part # 63467-1<br>FF 250 REC 14-10AWG TPBR       | <br>TE Part # 157480-2<br>FF 250 REC 0.8-2MM2 TPBR      | <br>TE Part # 2-2150872-1<br>OC-PA-E-FM-120F210F-001-0056 |
| <br>TE Part # 2-2150872-2<br>OC-PA-E-FA-120F210F -001-0056 | <br>TE Part # 2150872-1<br>OC-AT-E-FM-120F210F-001-0056 | <br>TE Part # 2150872-2<br>OC-AT-E-FA-120F210F-001-0056 |                                                           |

Also in the Series | FASTIN-FASTON 250

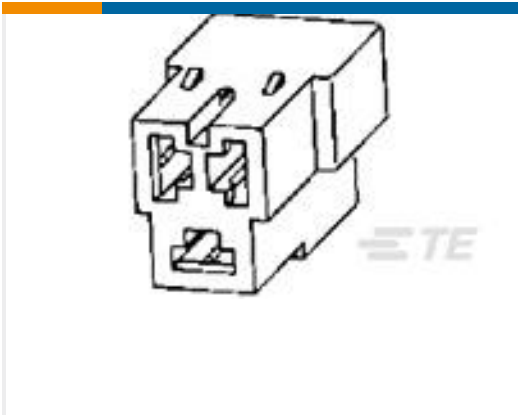
|                                  |                                     |                      |                            |
|----------------------------------|-------------------------------------|----------------------|----------------------------|
| <br>Crimp Terminal Housings(211) | <br>Insertion & Extraction Tools(2) | <br>PCB Terminals(2) | <br>Quick Disconnects(254) |
|----------------------------------|-------------------------------------|----------------------|----------------------------|

Customers Also Bought

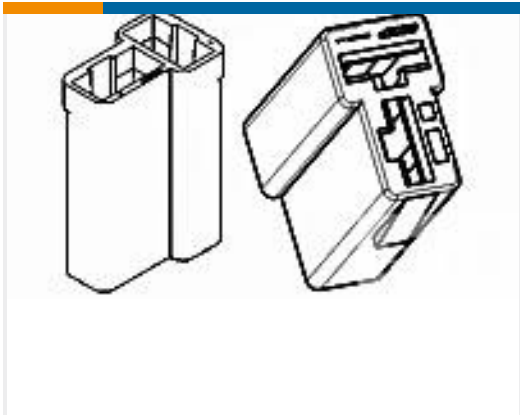




TE Part #480054-4  
FF 250 REC HSG 1P NYLON BLACK



TE Part #180941  
FF 250 REC HSG 3P NYLON NAT



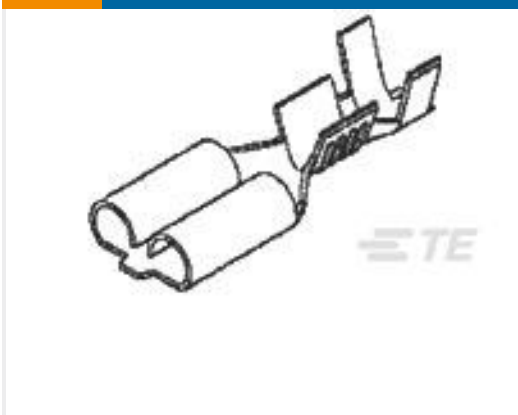
TE Part #180907  
FF 250 REC HSG 2P NYLON NAT



TE Part #60295-2  
FF 250 REC 22-18AWG TPBR



TE Part #180351-5  
FF 250 REC 4-6MM2 TPPB



TE Part #170258-1  
FF 250 REC 14-12AWG BR REREELING



TE Part #171551-1  
P.G SPADE



TE Part #134021-1  
TERM, PIDG, R, IR, 16, M5



TE Part #HDP24-18-20PN  
REC, 20P, BLK, N, 16/20, P



TE Part #K1157198-4  
Toggle Switch 07-2-2-10 939 CV750

Documents

Product Drawings  
FF 250 REC 16-12AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_62891-1\_L.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_62891-1\_L.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_62891-1\_L.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Application Specification

English

FASTIN-FASTON 110, 187, 205 And 312 Series Receptacle Contacts

English