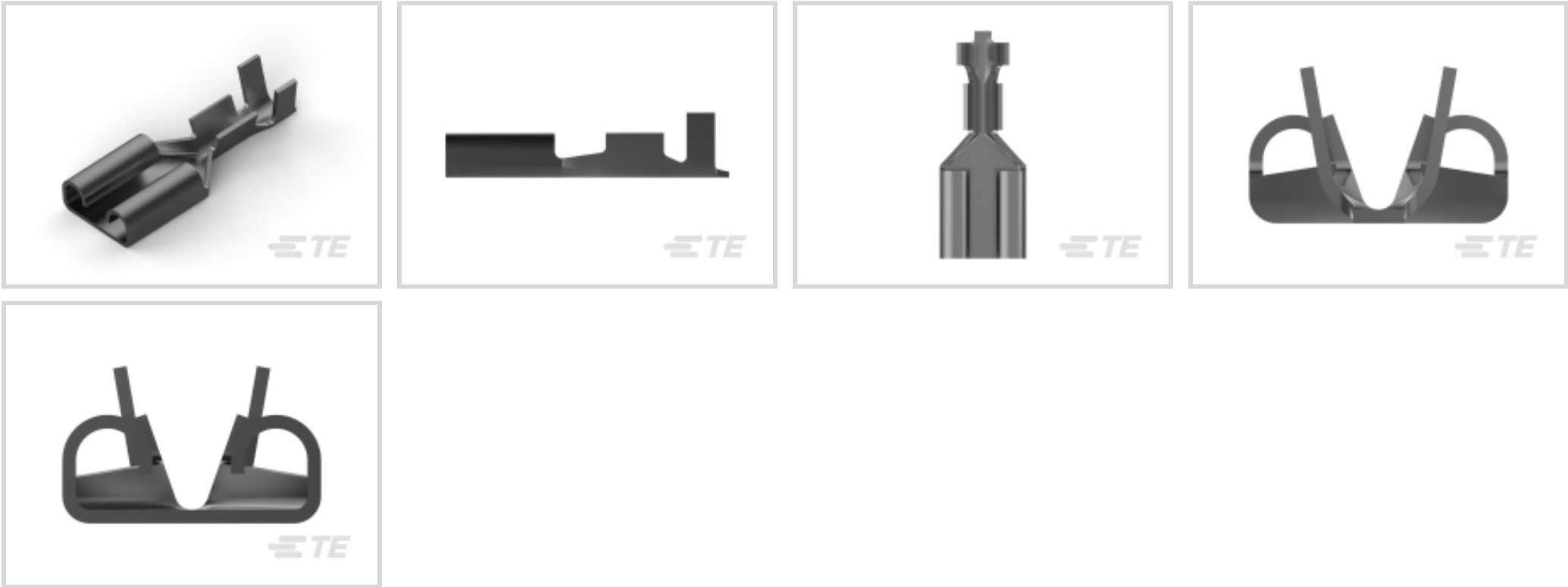




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.5 – 1.5 mm<sup>2</sup>**

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

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

Features

Product Type Features

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

Configuration Features

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

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          | 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  |
| Extraction Force        | 8.1 kgf |

Dimensions

|                                      |                            |
|--------------------------------------|----------------------------|
| Product Length                       | 19 mm[.748 in]             |
| Compatible Insulation Diameter Range | 2.3 – 3.3 mm[.09 – .13 in] |
| Terminal Material Thickness          | .41 mm[.016 in]            |
| Wire Size                            | .5 – 1.5 mm²               |

Usage Conditions

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

Industry Standards

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 7000       |
| Packaging Method   | Strip/Reel |

Other

|      |         |
|------|---------|
| Line | Premier |
|------|---------|

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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

TE Part # 2376595-2  
250 FASTON PCB TAB TPBR

TE Part # 180388-2  
250 FASTON,REC.,20-16 AWG,TPBR

TE Part # 2150082-1  
OCEAN\_2.0\_APPLICATOR-E-090F130F-REM

TE Part # 2150082-2  
OCEAN\_2.0\_APPLICATOR-E-090F130F-REA

TE Part # 7-2150082-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F130F

TE Part # 180388-5  
250 FASTON,REC.,20-16 AWG,TPPB

Also in the Series | FASTON 250

Compression Connectors(4)

Crimp Terminal Housings(116)

Insertion & Extraction Tools(6)

Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)



PCB Terminals(134)

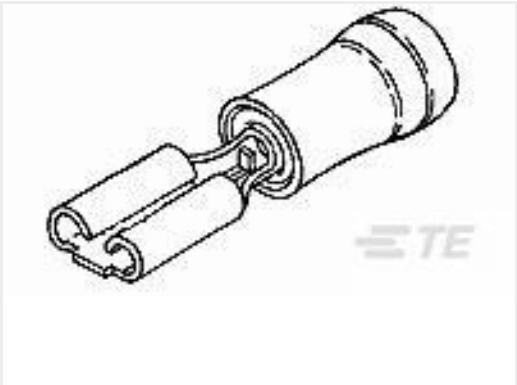


Quick Disconnects(421)



Splices(4)

Customers Also Bought



TE Part #165565-2  
2,8 PIDG FASTON REC



TE Part #180388-5  
250 FASTON,REC.,20-16 AWG,TPPB



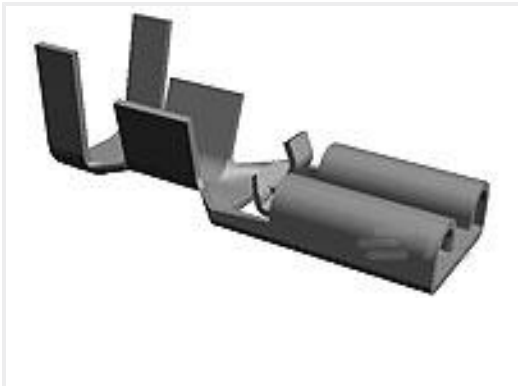
TE Part #794942-1  
10P MINI UMNL CAP HSG



TE Part #160451-3  
FF 250 TAB 18-14AWG PB SILVER PL LP



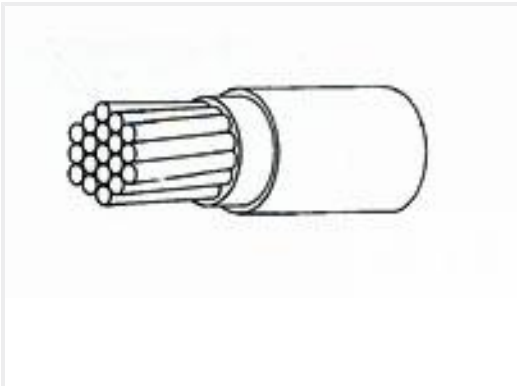
TE Part #293011-1  
5 POS. FASTIN-FASTON CONN. TAB HOUSING R



TE Part #1217113-1  
PL 187 TERMINAL RECEPTACLE 22-18 AWG BR



TE Part #165171  
P.G. WIRE PIN 16-14



TE Part #218026-005  
55A0811-18-9



TE Part #293008-1  
3 POS. FASTIN-FASTON CONN. TAB HOUSING R



TE Part #926539-1  
250 FASTON HSG. REC. 1P NATURAL

Documents

Product Drawings

250 FASTON REC 20-16 AWG TPBZ

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_6-160432-0\_AV.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-160432-0\\_AV.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-160432-0\\_AV.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1654742\\_HOUSEHOLD\\_APPLIANCES\\_RAST5](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English