



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.65 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      | Unplated        |
| Crimp Type                     | F-Crimp         |
| Barrel Type                    | Open            |

Termination Features

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



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

Mechanical Attachment

|                         |           |
|-------------------------|-----------|
| Extraction Force        | 80 Newton |
| Wire Insulation Support | With      |
| Mating Retention Type   | Dimple    |

Dimensions

|                                      |                            |
|--------------------------------------|----------------------------|
| Terminal Material Thickness          | .41 mm[.016 in]            |
| Product Length                       | 19.2 mm[.755 in]           |
| Compatible Insulation Diameter Range | 2.3 – 3.3 mm[.09 – .13 in] |
| Wire Size                            | .51 – 1.65 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 | 6000       |
| 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: 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

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 # 180388-2<br>250 FASTON,REC.,20-16 AWG,TPBR       | <br>TE Part # 735209-1<br>250 FASTON REC 22-18 AWG BR          | <br>TE Part # 63648-1<br>250 FASTON FLAG REC 20-14 AWG BR       | <br>TE Part # 180388-5<br>250 FASTON,REC.,20-16 AWG,TPPB BR |
| <br>TE Part # 190735-7<br>250 FASTON,FLAG,REC.,20-16 AWG, PTBR | <br>TE Part # 2150082-1<br>OCEAN_2.0_APPLICATOR-E-090F130F-REM | <br>TE Part # 2150082-2<br>OCEAN_2.0_APPLICATOR-E-090F130FA-REA | <br>TE Part # 42239-4<br>205 FASTON REC 18-14 AWG PHBZ      |
| <br>TE Part # 7-2150082-7<br>OCEAN_2.0_SPARE_PART_KIT-090F130F | <br>TE Part # 737439-1<br>250 FASTON REC 22-18 AWG BR          | <br>TE Part # 737439-3<br>250 FASTON REC 22-18 AWG TPBR         |                                                             |

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(426)



Splices(4)

Customers Also Bought



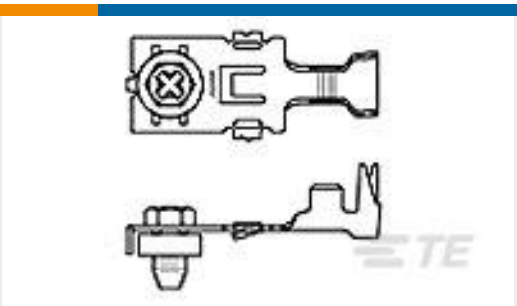
TE Part #2-1123722-4  
3.96 EP PLUG HSG 4P(YELLOW)



TE Part #1742198-1  
250 FASTON,REC.,18-14 AWG,NPST



TE Part #1969725-1  
187 FAST&110 PL HSG.,REC.,4 POS, BLACK



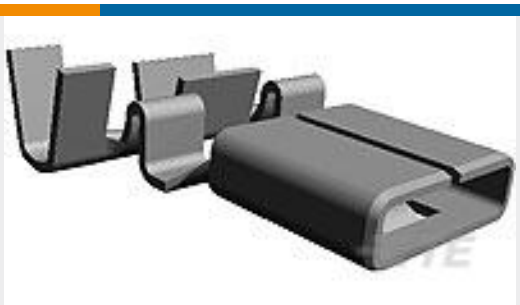
TE Part #521844-1  
POWER BLOCK ASSEMBLY 16-12 AWG BR



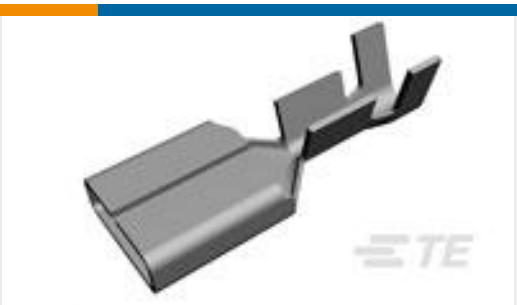
TE Part #4-2176341-4  
CRGCQ 0805 39K 1%



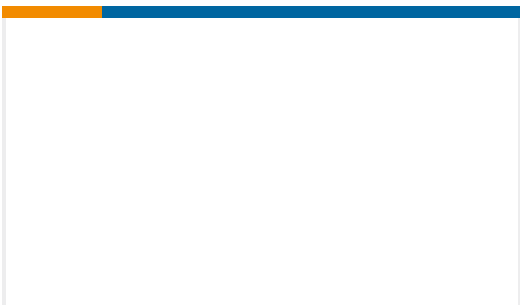
TE Part #1969755-1  
CLIP, HEAVY DUTY BURNER CONNECTOR



TE Part #1544113-1  
CLIP DRAPEAU 6,35



TE Part #1544504-1  
CLIP 6,3 SECU 1-3



TE Part #2364485-1  
250 FASTON HSG.,REC.,3 POS, NATRUAL

Documents



Product Drawings

250 FASTON,REC.,20-16 AWG,BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_160807-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_160807-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_160807-2\_A.3d\_stp.zip

English

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Product Specifications

Application Specification

English