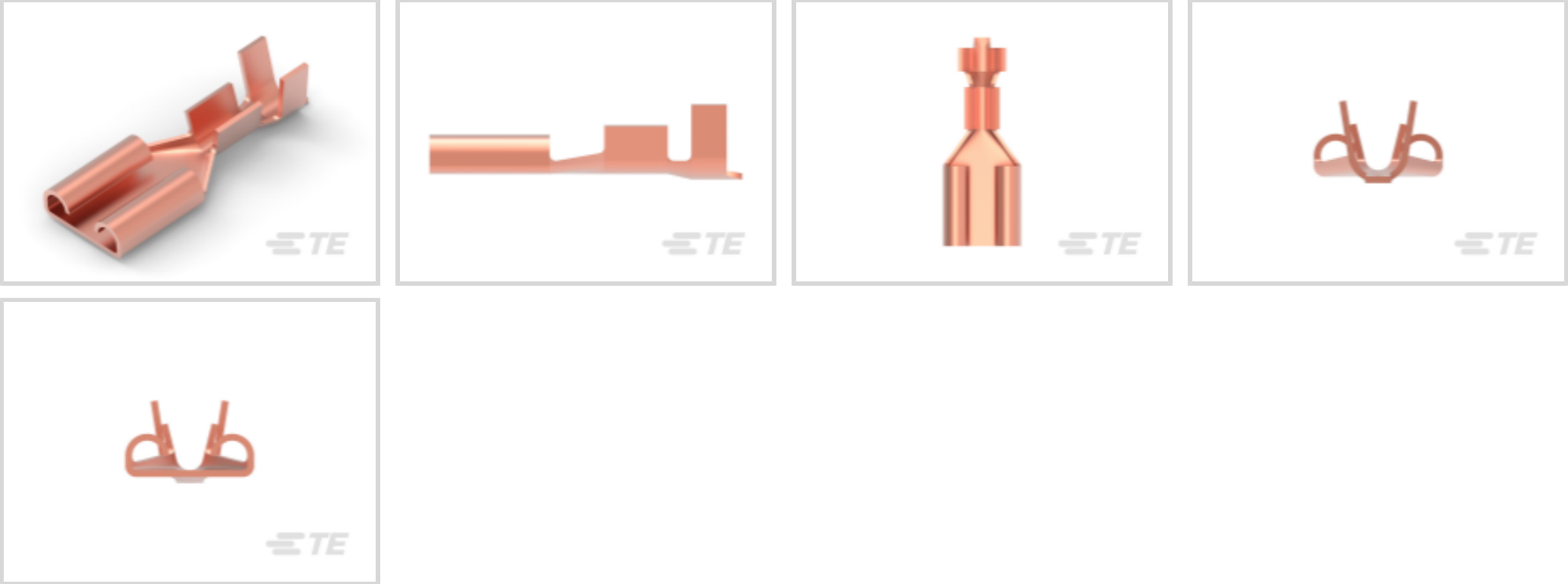




Terminals & Splices > Quick Disconnects



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 | Low |
|-----------------|-----|

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      | Unplated        |
| 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        | 5.8 kgf |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Product Length                       | 19.2 mm[.755 in]             |
| Compatible Insulation Diameter Range | 2.2 – 3.1 mm[.087 – .122 in] |
| Terminal Material Thickness          | .41 mm[.016 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 | UL |
|-------------------------------------------|----|

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 6000       |
| Packaging Method   | Strip/Reel |

Other

|      |             |
|------|-------------|
| Line | FASTON .250 |
|------|-------------|

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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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>

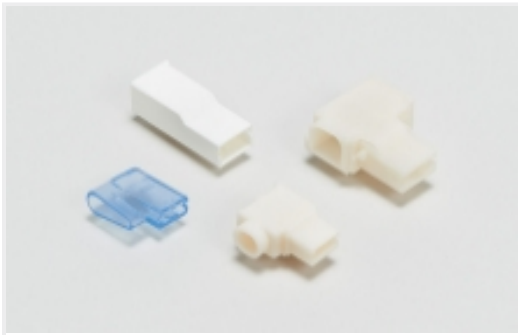
Compatible Parts

|                                                                                                                                                  |                                                                                                                                               |                                                                                                                                                   |                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 188120-7<br/>250 FASTON,REC.,20-17 AWG,TPPB</p> |  <p>TE Part # 42510-1<br/>250 FASTON REC 22-18 AWG BR</p> |  <p>TE Part # 2238027-3<br/>250 FASTON,REC.,22-18 AWG,BR</p> |  <p>TE Part # 170032-1<br/>250 FASTON,REC.,20-14 AWG,BR</p> |
|  <p>TE Part # 346697-2<br/>250 FASTON,REC.,20-16 AWG,TPBR</p> |  <p>TE Part # 63306-1<br/>250 FASTON REC 18-14 AWG BR</p> |  <p>TE Part # 61202-1<br/>250 FASTON REC 26-22 AWG BR</p>    |  <p>TE Part # 42743-1<br/>250 FASTON REC 22-18 AWG BR</p>   |
|  <p>TE Part # 170032-2<br/>250 FASTON,REC.,20-14 AWG,BR</p>   |  <p>TE Part # 63609-1<br/>250 FASTON REC 22-18 AWG BR</p> |                                                                                                                                                   |                                                                                                                                                  |

Also in the Series | FASTON 250



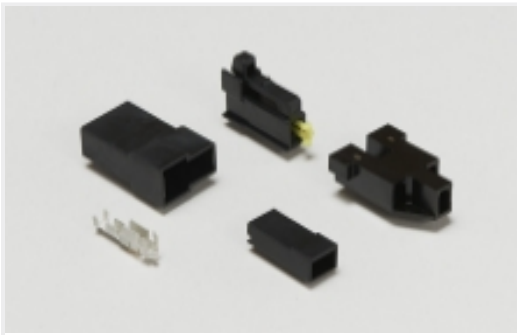
Compression Connectors(4)



Crimp Terminal Housings(115)



Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)



PCB Terminals(133)



Quick Disconnects(417)



Splices(4)

Customers Also Bought



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #DT04-2P  
REC, 2P, GRY, N



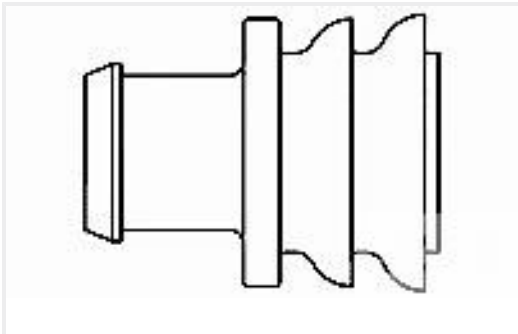
TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING

Documents

Product Drawings  
250 FASTON,REC,20-16 AWG,PB

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_346697-3\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_346697-3\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_346697-3\\_A.3d\\_stp.zip](#)

English

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

Product Specifications

[EB\\*\\*Crimping 250 Series Low Insertion Force FASTON \(Single & Double Wire\)](#)

English

Application Specification

English

Application Specification

English