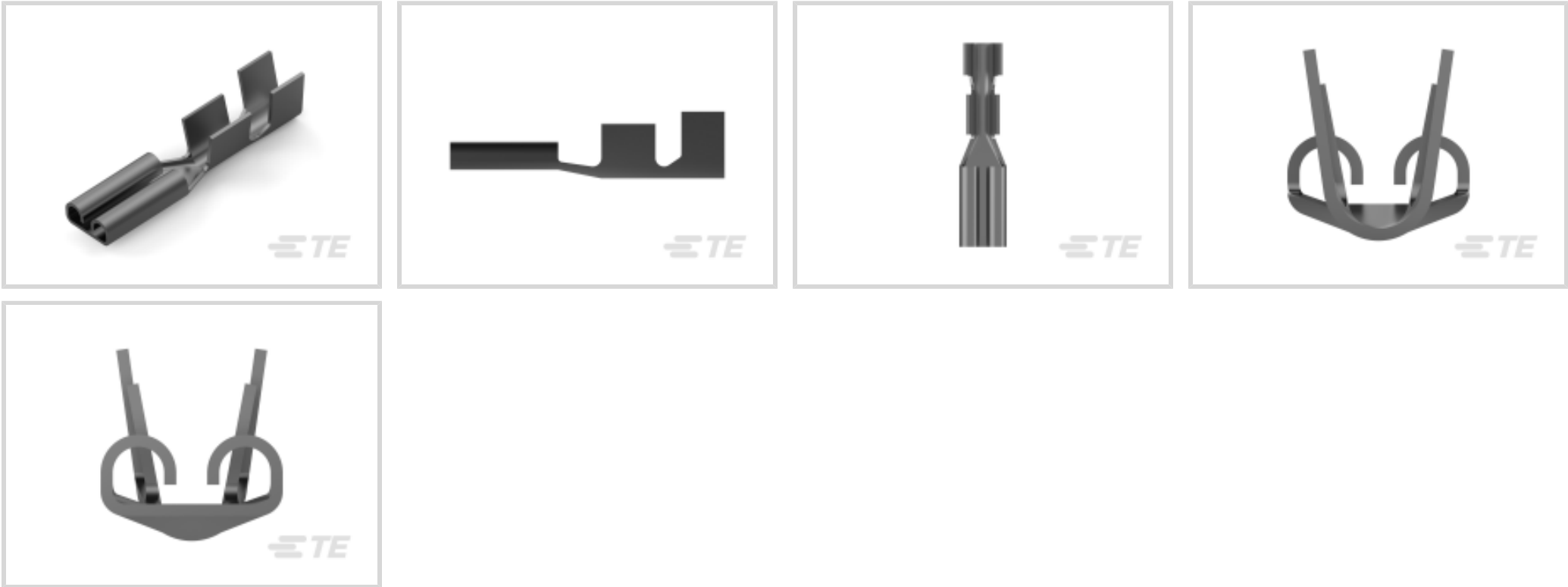




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Configuration Features

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

Contact Features

|                                |                |
|--------------------------------|----------------|
| Quick Disconnect Terminal Type | Receptacle     |
| Mating Tab Width               | 2.8 mm[.11 in] |
| Mating Tab Thickness           | .51 mm[.02 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   | Dimple |

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .25 mm[.01 in]              |
| Product Length                       | 16.13 mm[.635 in]           |
| Compatible Insulation Diameter Range | 1.52 – 2.54 mm[.06 – .1 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 | 15000      |
| 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

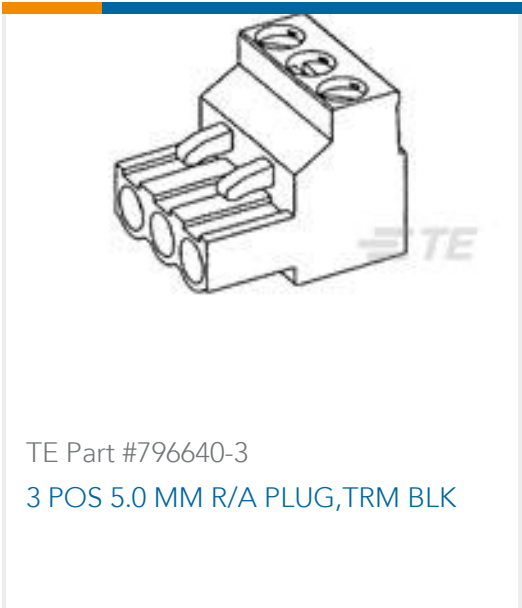
|                                                     |                                                     |                                                       |                                                       |
|-----------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
|                                                     |                                                     |                                                       |                                                       |
| TE Part # 2150559-1<br>OC-AT-E-FM-070F090F-001-0034 | TE Part # 2150559-2<br>OC-AT-E-FA-070F090F-001-0034 | TE Part # 2-2150559-1<br>OC-PA-E-FM-070F090F-001-0034 | TE Part # 2-2150559-2<br>OC-PA-E-FA-070F090F-001-0034 |

Also in the Series | FASTON 110

|                             |                                 |                   |                        |
|-----------------------------|---------------------------------|-------------------|------------------------|
|                             |                                 |                   |                        |
| Crimp Terminal Housings(13) | Insertion & Extraction Tools(1) | PCB Terminals(21) | Quick Disconnects(172) |

Customers Also Bought

|                                                 |                                                      |                                                      |                                                   |
|-------------------------------------------------|------------------------------------------------------|------------------------------------------------------|---------------------------------------------------|
|                                                 |                                                      |                                                      |                                                   |
| TE Part #3-1623730-7<br>BCHE 4W R47 5%          | TE Part #2-34151-1<br>PG R 22-16 COMM 22-18 MIL 5/16 | TE Part #926886-1<br>UNIV.M-N-L.PIN                  | TE Part #63477-2<br>187 FASTON REC 20-16 AWG TPBR |
|                                                 |                                                      |                                                      |                                                   |
| TE Part #160684-4<br>FF 110 REC 0.5-1.0MM2 TPBR | TE Part #170179-2<br>205 FASTON,REC.,18-14 AWG,TPBR  | TE Part #964310-1<br>TAB A 5.8x0.8 CONTACT CF SWS Sn | TE Part #2-36161-8<br>TERMINAL,PIDG R IR 10 10    |



Documents

Product Drawings

110 FASTON REC 20-16 AWG TPBR

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_61408-1\_K.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_61408-1\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_61408-1\_K.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

Application Specification

English

Wire Preparation And Crimp Inspection Guide

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English



[Agency Approvals](#)

[UL Report](#)

English