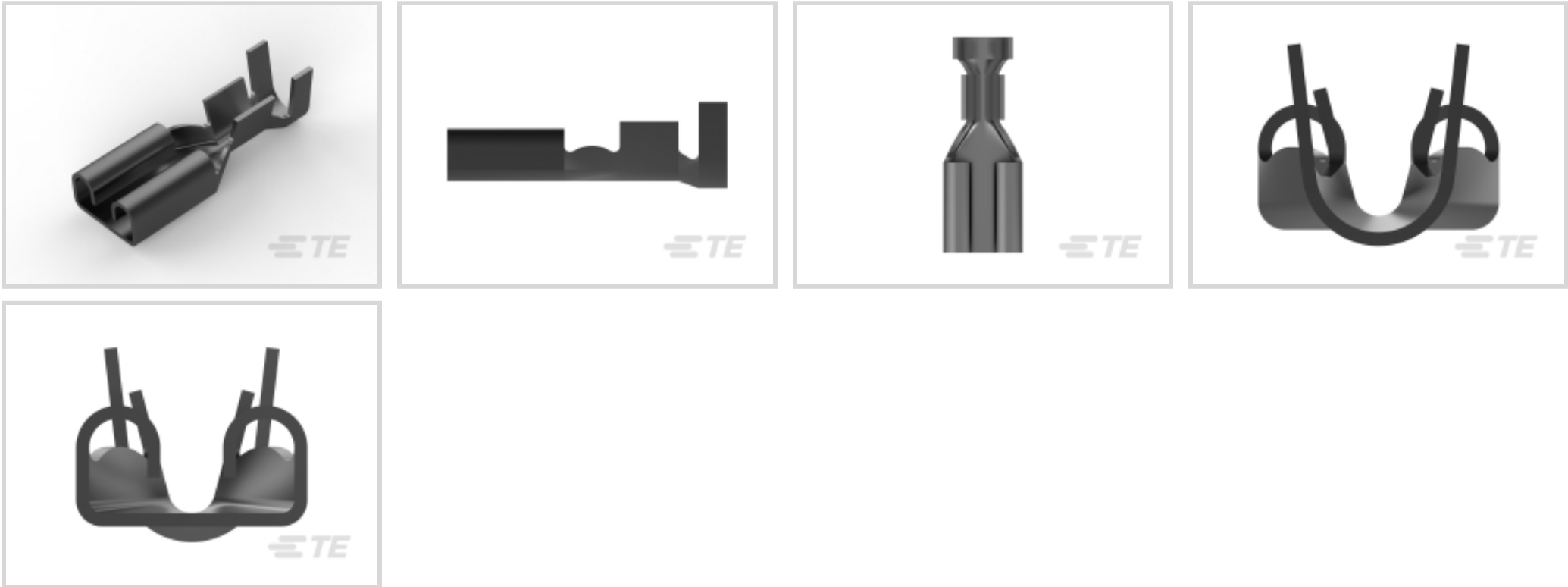




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

Mating Tab Width: **4.75 mm [ .187 in ]**

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

Features

Product Type Features

|                 |              |
|-----------------|--------------|
| Terminates To   | Wire & Cable |
| Wire Stop       | No           |
| Wire/Cable Type | Regular Wire |
| Insertion Force | Normal       |
| Sealable        | No           |

Configuration Features

|                     |        |
|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

Contact Features

|                                |                  |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Receptacle       |
| Mating Tab Width               | 4.75 mm[.187 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 |
|-------------|------|

Mechanical Attachment

|                         |        |
|-------------------------|--------|
| Mating Retention Type   | Dimple |
| Wire Insulation Support | With   |

Dimensions

|                                        |                              |
|----------------------------------------|------------------------------|
| Accepts Wire Insulation Diameter Range | 2.29 – 3.3 mm [.09 – .13 in] |
| Overall Length                         | 16.6 mm [.653 in]            |
| Receptacle Terminal Stock Thickness    | .3 mm [.012 in]              |
| Wire Size                              | .51 – 1.31 mm²               |

Usage Conditions

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

Industry Standards

|               |        |
|---------------|--------|
| UL Rating     | Listed |
| CSA Certified | Yes    |

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 9000       |
| Packaging Method   | Strip/Reel |

Product Compliance

For compliance documentation, visit the product page on TE.com>

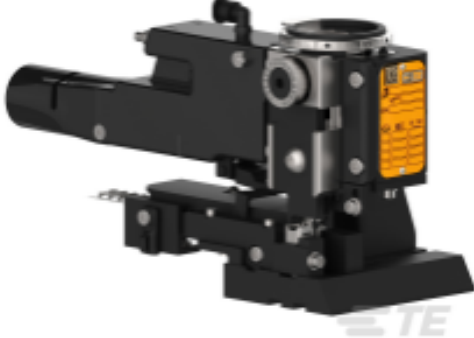
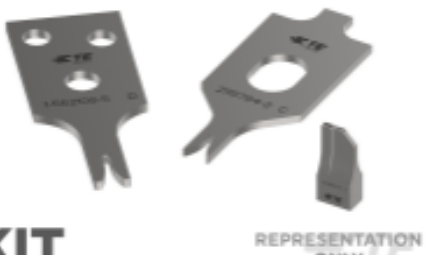
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<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

|                                                                                                                                                      |                                                                                                                                                        |                                                                                                                                                       |                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2150007-1<br/>OCEAN_2.0_Applicator-E-090F140F</p>    |  <p>TE Part # 755336-1<br/>DAHT FASTON 22-14 ASSY</p>                |  <p>TE Part # 2-2150007-1<br/>OCEAN_2.0_Applicator-E-090F140F</p> |  <p>TE Part # 2-2150007-2<br/>OCEAN_2.0_Applicator-E-090F140F</p>  |
|  <p>TE Part # 2150007-2<br/>OCEAN_2.0_Applicator-E-090F140F</p>   |  <p>TE Part # 2178549-2<br/>187 FASTON,REC.,18-14 AWG,TPBR</p>      |  <p>TE Part # 2232975-1<br/>187 FASTON,REC.,20-16 AWG,TPBR</p>   |  <p>TE Part # 7-2150007-1<br/>OCEAN_2.0_Applicator-E-090F140F</p> |
|  <p>TE Part # 7-2150007-2<br/>OCEAN_2.0_Applicator-E-090F140F</p> |  <p>TE Part # 7-2150007-7<br/>OCEAN_2.0_SPARE_PART_KIT-090F140F</p> |  <p>TE Part # 2825630-1<br/>STD MAG-MATE .187 POKE-IN TAB</p>    |  <p>TE Part # 2825631-1<br/>STD MAG-MATE .187 POKE-IN TAB</p>     |
|  <p>TE Part # 2825632-1<br/>STD MAG-MATE .187 POKE-IN TAB</p>     |                                                                                                                                                        |                                                                                                                                                       |                                                                                                                                                        |



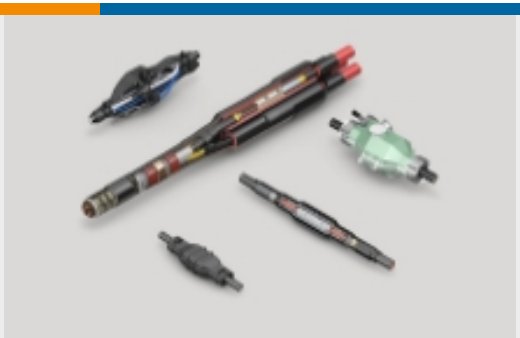
Also in the Series | **FASTON 187**



Crimp Terminal Housings(41)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(48)



Quick Disconnects(213)



Splices(1)

Documents

Product Drawings

187 FASTON,REC.,20-16 AWG,TPBR

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_170037-2\_AD.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_170037-2\_AD.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_170037-2\_AD.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

Product Environmental Compliance

MD\_170037-2\_05312018106\_dmtec

English



[MD\\_170037-2\\_05312018106\\_dmtec](#)

English

**Instruction Sheets**

[Instruction Sheet \(non U.S.\)](#)

Japanese