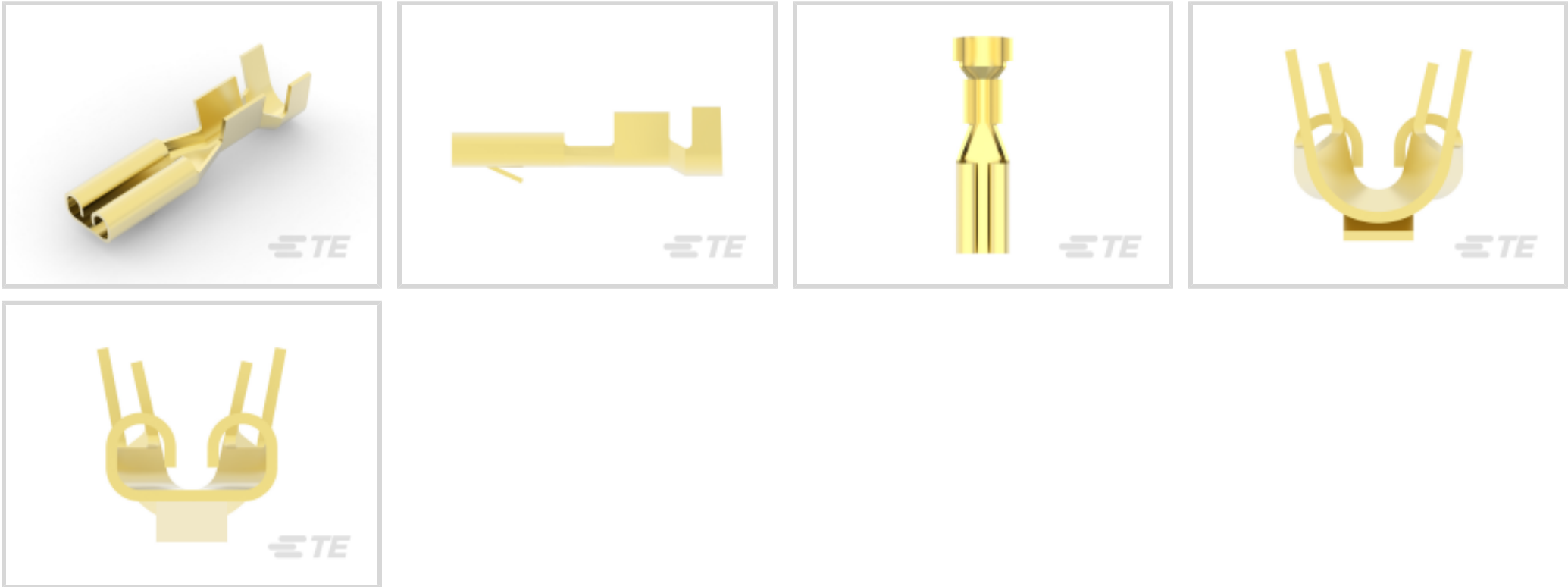




Terminals & Splices > Quick Disconnects



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

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               | 2.8 mm[.11 in] |
| Mating Tab Thickness           | .51 mm[.02 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        | 3.9 Newton    |
| Locking Lance Height    | .9 mm         |
| Wire Insulation Support | With          |
| Mating Retention Type   | Locking Lance |

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .51 mm[.02 in]              |
| Product Length                       | 16.9 mm[.665 in]            |
| Compatible Insulation Diameter Range | 2.01 – 3 mm[.079 – .118 in] |
| Wire Size                            | .51 – 1.31 mm²              |

Usage Conditions

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 10000      |
| 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 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

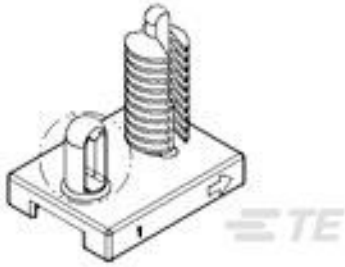
|                                                                |                                                   |                                                                |                                                                |
|----------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| <br>TE Part # 1989879-1<br>.250 SRS FASTIN-ON REC.             | <br>TE Part # 63521-1<br>FF 187 REC 20-16AWG TPBR | <br>TE Part # 170801-4<br>FF 110 REC HSG 4P NYLON NATURAL      | <br>TE Part # 2150835-1<br>OCEAN_2.0_APPLICATOR-E-080F120F-REM |
| <br>TE Part # 2150835-2<br>OCEAN_2.0_APPLICATOR-E-080F120F-REA | <br>TE Part # 63580-1<br>FF 125 REC 22-18AWG TPBR | <br>TE Part # 7-2150835-7<br>OCEAN_2.0_SPARE_PART_KIT-080F120F | <br>TE Part # 466227-1<br>HDM EMPO080F120FT                    |

Also in the Series | FASTIN-FASTON 110

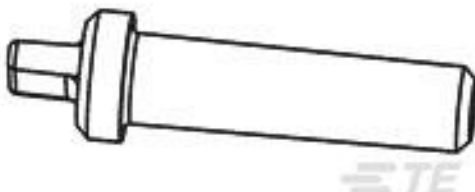
|                            |                             |                                 |                                     |
|----------------------------|-----------------------------|---------------------------------|-------------------------------------|
| <br>Automotive Housings(6) | <br>Automotive Terminals(5) | <br>Crimp Terminal Housings(34) | <br>Insertion & Extraction Tools(3) |
| <br>Quick Disconnects(83)  |                             |                                 |                                     |



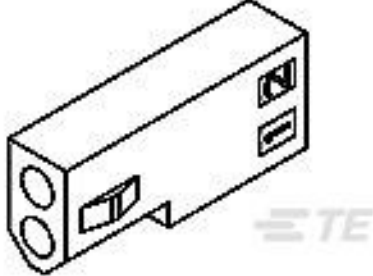
Customers Also Bought



TE Part #1924487-2  
MOUNTING CLIP, AMPSEAL 16



TE Part #776363-1  
SEALING PLUG, SZ 16 CAVITY



TE Part #770342-1  
02P .062 COMM P&S RECPT



TE Part #62137-2  
187 FASTON REC 20-16 TPBR



TE Part #170325-1  
187 PL MKII REC. 20-16AWG PTBR



TE Part #1871415-1  
AMPSEAL16,CAP ASSY,8P-A,B/R TYPE, RWDS,



TE Part #63232-1  
POSITIVE LOCK 187 REC 20-16 AWG TPBR



TE Part #480435-1  
187 FASTON HSG. REC 1P NATURAL

Documents

Product Drawings

FF 110 REC 20-16AWG BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_170015-1\_AD.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_170015-1\_AD.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_170015-1\_AD.3d\_stp.zip

English

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Product Specifications

Product Specification

English