



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.65 mm²**

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

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

|                 |        |
|-----------------|--------|
| Insertion Force | Normal |
|-----------------|--------|

Configuration Features

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

Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 250 V |
|----------------|-------|

Contact Features

|                                |                  |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Receptacle       |
| Mating Tab Width               | 4.75 mm[.187 in] |
| Mating Tab Thickness           | .81 mm[.032 in]  |
| Terminal Orientation           | Straight         |
| Contact Base Material          | Brass            |
| Terminal Plating Material      | Pre-Tin          |
| Crimp Type                     | F-Crimp          |



Barrel Type

Open

Termination Features

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

Mechanical Attachment

|                         |               |
|-------------------------|---------------|
| Locking Lance Height    | 1.2 mm        |
| Wire Insulation Support | With          |
| Mating Retention Type   | Locking Lance |
| Extraction Force        | 4 Newton      |

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Product Length                       | 16 mm[.629 in]                |
| Compatible Insulation Diameter Range | 2.31 – 3.3 mm[.091 – .129 in] |
| Terminal Material Thickness          | .25 mm[.01 in]                |
| Wire Size                            | .51 – 1.65 mm <sup>2</sup>    |

Usage Conditions

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 8000       |
| 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 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

TE Part # 281197-6  
FF 187 REC 1.0-2.5MM2 PTBR

TE Part # 175040-1  
FF 187 REC 0.5-1.25MM2 PTBR

TE Part # 2150309-1  
OCEAN\_2.0\_APPLICATOR-E-090F130F-REM

TE Part # 2150309-2  
OCEAN\_2.0\_APPLICATOR-E-090F130F-REA

TE Part # 7-2150309-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F130F

TE Part # 175042-1  
FF 187 REC 2-3MM2 PTBR

TE Part # 281197-5  
FF 187 REC 1.0-2.5MM2 PTBR (RE REELING)

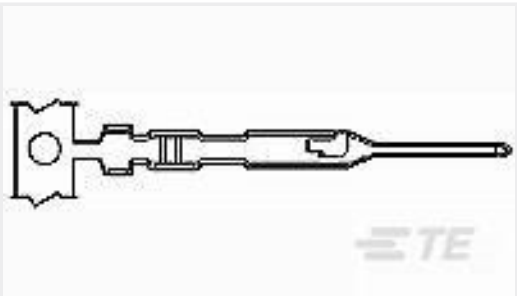
Also in the Series | FASTIN-FASTON 187

Crimp Terminal Housings(5)

Insertion & Extraction Tools(1)

Quick Disconnects(20)

Customers Also Bought



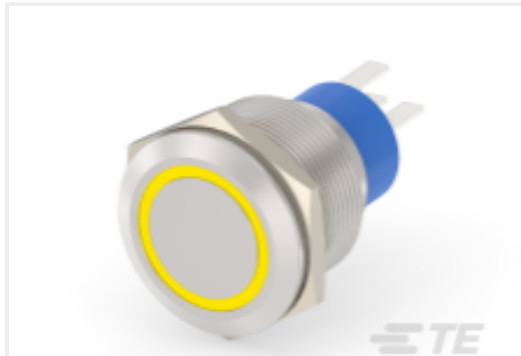
TE Part #5-104505-2  
MTE PIN 22-26 AWG PLTD



TE Part #350218-6  
UMNL PIN 20-14 .0125AUPHBZ



TE Part #1986711-2  
SCREWLESS, SW,2P,5.0 PCB



TE Part #2213772-9  
AV22 SPM 3A MOVE RING LED  
YELLOW 12V



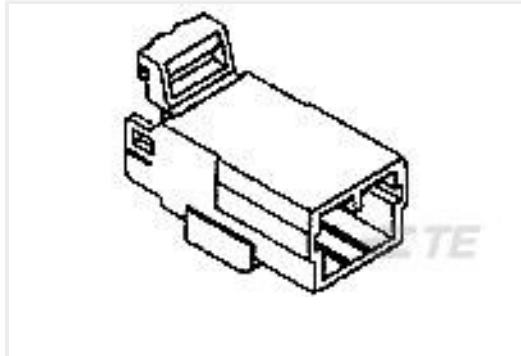
TE Part #3-2317570-6  
AV22 SPL 3A MOVING RING R&G 12V  
FL



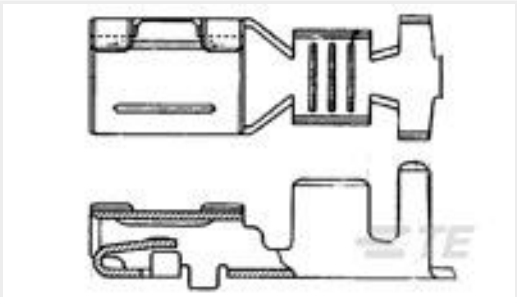
TE Part #142755-1  
MIC IV COSI CONTACT



TE Part #1-144545-0  
2 POS HSG SEALING MK IV



TE Part #174929-1  
070 MLC W-W CAP HSG 4P NATURAL



TE Part #175040-1  
FF 187 REC 0.5-1.25MM2 PTBR



TE Part #3-1393310-8  
VCFM-1002=SOCKET,VCFM,5,PC,PLA-

Documents

Product Drawings

FF 187 REC 0.5-1.5MM2 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_280919-2\_M.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_280919-2\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_280919-2\_M.3d\_stp.zip

English

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

Product Specifications



Application Specification

FASTIN-FASTON Connector, .187 rec. etc.