



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **2048 – 5178 CMA**

Mating Tab Width: **4.75 mm [ .187 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               | 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             |

Termination Features

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

Mechanical Attachment



|                         |           |
|-------------------------|-----------|
| Extraction Force        | 70 Newton |
| Wire Insulation Support | With      |
| Mating Retention Type   | Dimple    |

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .3 mm[.012 in]              |
| Product Length                       | 15 mm[.59 in]               |
| Compatible Insulation Diameter Range | 3.1 – 4.3 mm[.12 – .169 in] |
| Wire Size                            | 2048 – 5178 CMA             |

Usage Conditions

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

Industry Standards

|                 |         |
|-----------------|---------|
| Agency/Standard | CSA, UL |
|-----------------|---------|

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 12000      |
| 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: JUNE 2023 (235)<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 # 881624-2<br>187 FASTON REC 17-14 AWG TPBR                      | <br>TE Part # 2-2150298-1<br>OCEAN_2.0_Applicator-E-120F155F | <br>TE Part # 2-2150298-2<br>OCEAN_2.0_Applicator-E-120F155FA | <br>TE Part # 2150298-1<br>OCEAN_2.0_Applicator-E-120F155F    |
| <br>TE Part # 2150298-2<br>OCEAN_2.0_Applicator-E-120F155FA                  | <br>TE Part # 6-160429-2<br>187 FASTON REC 17-14 AWG TPBR    | <br>TE Part # 7-2150298-1<br>OCEAN_2.0_Applicator-E-120F155F  | <br>TE Part # 7-2150298-2<br>OCEAN_2.0_Applicator-E-120F155FA |
| <br><b>KIT</b><br>TE Part # 7-2150298-7<br>OCEAN_2.0_SPARE_PART_KIT-120F155F |                                                              |                                                               |                                                               |

Also in the Series | FASTON 187

|                             |                                 |                     |                   |
|-----------------------------|---------------------------------|---------------------|-------------------|
|                             |                                 |                     |                   |
| Crimp Terminal Housings(42) | Insertion & Extraction Tools(1) | Joints & Splices(1) | PCB Terminals(42) |



Quick Disconnects(209)



Splices(1)

Customers Also Bought



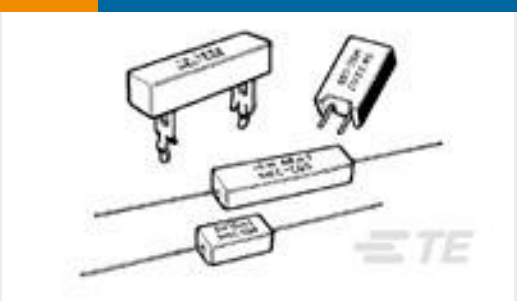
TE Part #6609066-2  
6AYO1=F7692 S0



TE Part #7-215570-4  
MICRO-MATCH PBC.04P



TE Part #1-917484-2  
DYNAMIC D-3 REC CONT. 2L AU 0.38



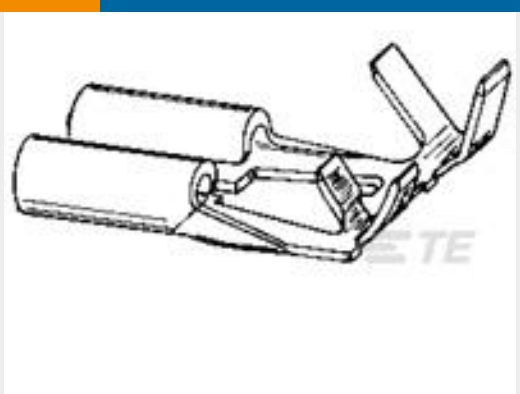
TE Part #1-1623789-6  
SQM7 4R7 5% (WIRE)



TE Part #3-2176307-7  
RP 1E 0.1W 29K4 0.1% 25PPM 5K RL



TE Part #T4171310003-001  
M12,FRONT MOUNTING,FEMALE,A, 3P,0.2M WIRE



TE Part #180422-2  
FF 312 REC 1-2.5MM2 TPBR LP

Documents

Product Drawings

187 FASTON REC 16-14 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-160431-2\_L\_c-5-160431-2-l.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-160431-2\_L\_c-5-160431-2-l.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-160431-2\_L\_c-5-160431-2-l.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



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Datasheets & Catalog Pages

1654742\_HOUSEHOLD\_APPLIANCES\_RAST5

English

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Product Specifications

Appl. spec. FASTON COnn. .187 & .197 sr. rec. ctc. & L.I.F. rec. ctc.

English

Application Specification

English

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Product Environmental Compliance

TE Material Declaration

English

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Agency Approvals

UL Report

English