

5-160431-2 ✓ ACTIVE

FASTON | FASTON 187

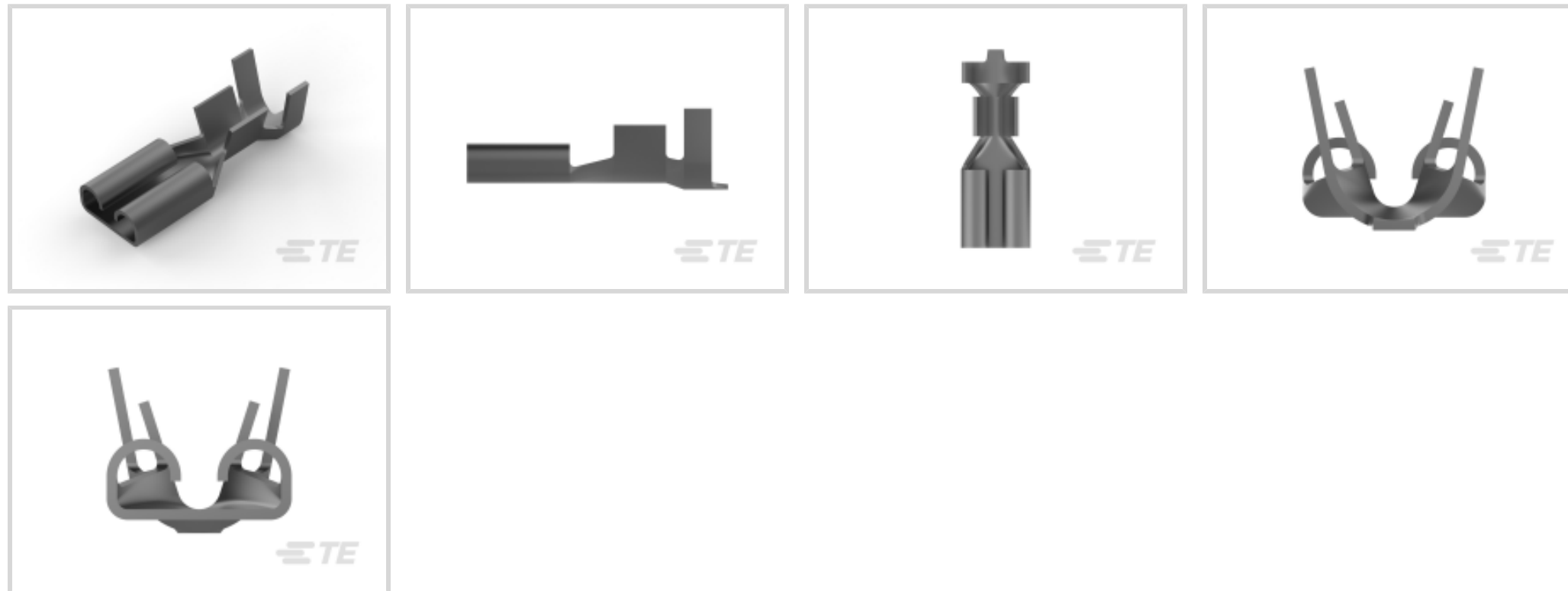
TE Internal #: 5-160431-2

Quick Disconnects, Receptacle, 16 – 14 AWG Wire Size, 1.03 – 2.62 mm<sup>2</sup> Wire Size, 2048 – 5178 CMA Wire Size, FASTON 187

[View on TE.com >](#)



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
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### 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
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### 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
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### 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) Candidate List Declared Against: JUNE 2023 (235) 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 # 881624-2  
187 FASTON REC 17-14 AWG TPBR



TE Part # 2150298-1  
OCEAN\_2.0\_Applicator-E-120F155F



TE Part # 2150298-2  
OCEAN\_2.0\_Applicator-E-120F155FA



TE Part # 6-160429-2  
187 FASTON REC 17-14 AWG TPBR



TE Part # 7-2150298-1  
OCEAN\_2.0\_Applicator-E-120F155F



TE Part # 7-2150298-2  
OCEAN\_2.0\_Applicator-E-120F155FA



TE Part # 7-2150298-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-120F155F




TE Part # 2-2150298-1  
OCEAN\_2.0\_Applicator-E-120F155F




TE Part # 2-2150298-2  
OCEAN\_2.0\_Applicator-E-120F155FA


## 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 #926299-3  
5P UN-MNL STECKGEH



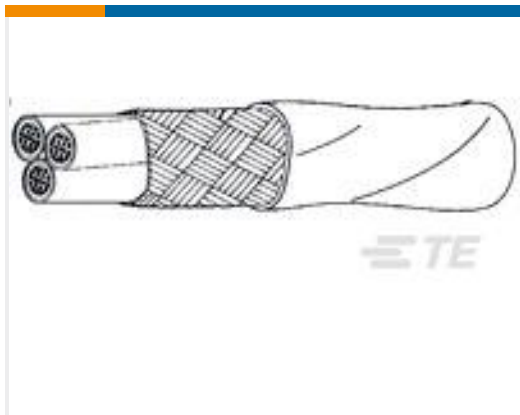
TE Part #926882-1  
UMNL SOK 20-14 PTPBR



TE Part #1-1719101-1  
PCB 9.5 TERMINAL SN



TE Part #1987984-1  
AMP IN TERMINAL 11.5-10 AWG



TE Part #382121-006  
44A1131-24-0/2/9-9



TE Part #7-1415363-2  
0430 46 580 300



TE Part #8-1415363-2  
0430 45 280 100



TE Part #141469-000  
TTMS-6.4-4



TE Part #1-963746-2  
SPECIAL TERMINAL 17-13 AWG  
SLIPBR 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