

42452-5 ✓ ACTIVE

FASTON | FASTON 187

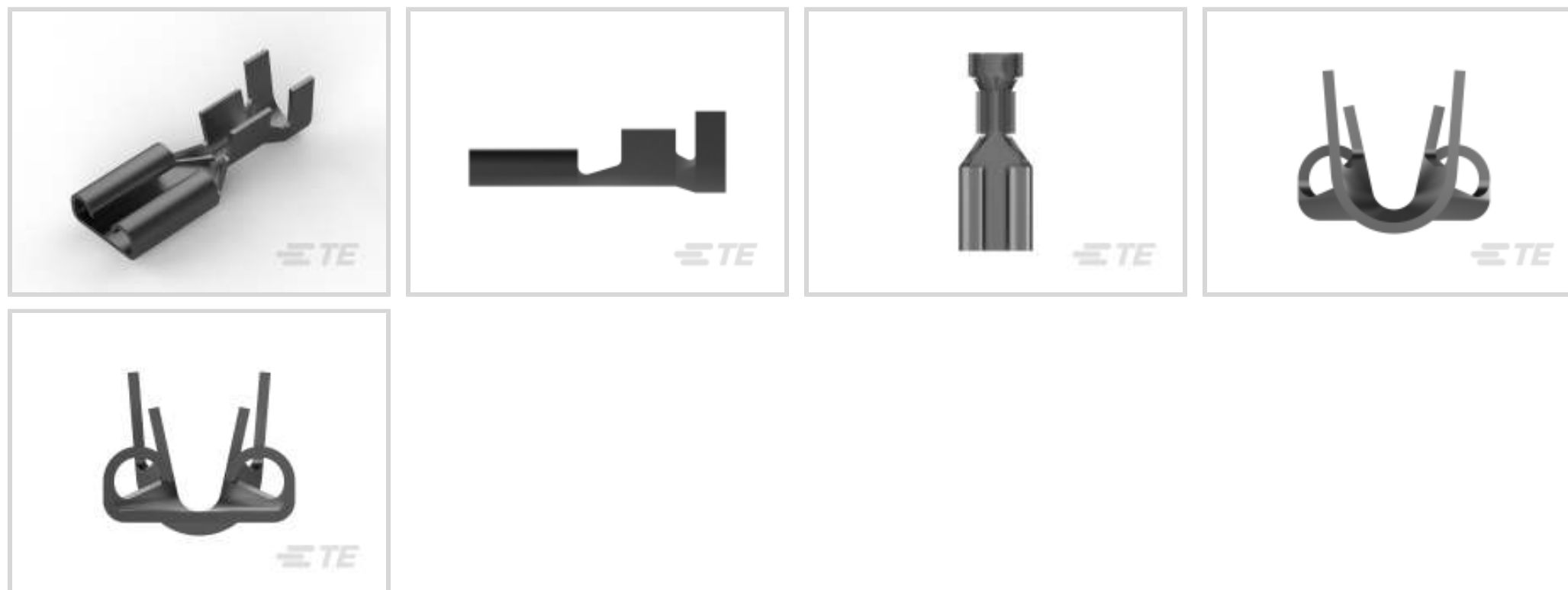
TE Internal #: 42452-5

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm<sup>2</sup> Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, FASTON 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.31 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

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

## Features

### Product Type Features

Insertion Force	Normal
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### Configuration Features

Connection Capacity	Single
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Compatible With Wire & Cable Type	Discrete Wire
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### Contact Features

Quick Disconnect Terminal Type	Receptacle
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Mating Tab Width	4.75 mm [.187 in]
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Mating Tab Thickness	.51 mm [.02 in]
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Terminal Orientation	Straight
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Contact Base Material	Phosphor Bronze
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Terminal Plating Material	Tin
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Crimp Type	F-Crimp
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Barrel Type	Open
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### Termination Features



Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

### Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	16.51 mm[.65 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Wire Size	.51 – 1.31 mm <sup>2</sup>

### 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	20000
Packaging Method	Strip/Reel

### Other

Line	Premier
Terminals & Splices Comment	Swage outside/front edge of receptacle

### 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: JAN 2023 (233) 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 # 157440-1  
187 FASTON,REC.,20-16 AWG,BR



TE Part # 2150007-1  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 91509-1  
CCII FASTON 187 REC 20-16 ASSY



TE Part # 2-2150007-1  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 2-2150007-2  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 2150007-2  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 7-2150007-1  
OCEAN\_2.0\_Applicator-E-090F140F



TE Part # 7-2150007-2  
OCEAN\_2.0\_Applicator-E-090F140F



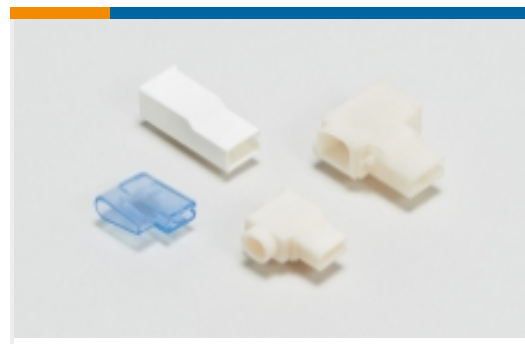
**KIT**  
REPRESENTATION ONLY

TE Part # 7-2150007-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F140F



TE Part # 60674-1  
205 FASTON REC 26-22 AWG TPBR

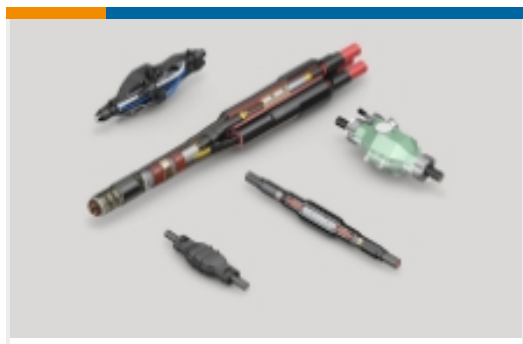
Also in the Series | **FASTON 187**



Crimp Terminal Housings(42)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(209)

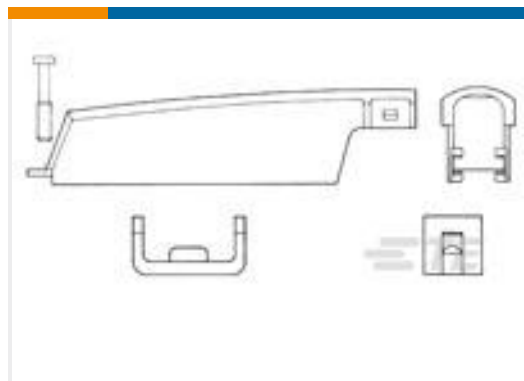


Splices(1)

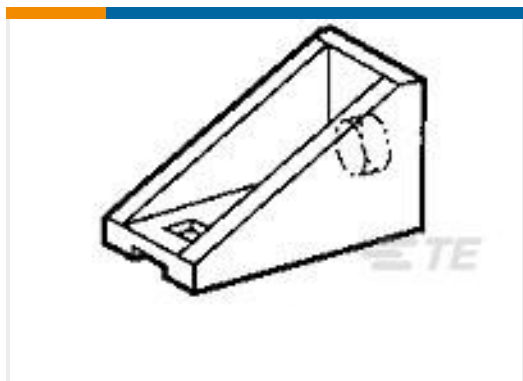
## Customers Also Bought



TE Part #2-5229912-1  
IDC D-Sub: Connector Kit, Plug, Signal, 2.16 mm



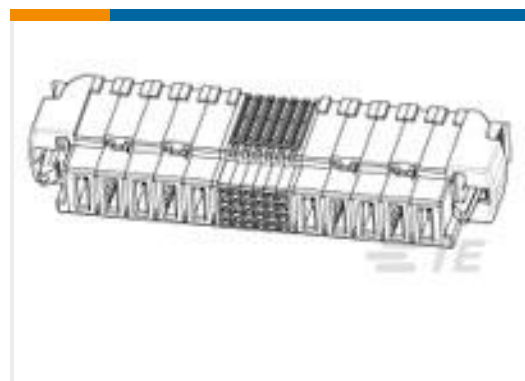
TE Part #5552560-5  
COVER KIT TAPERED 50 POS



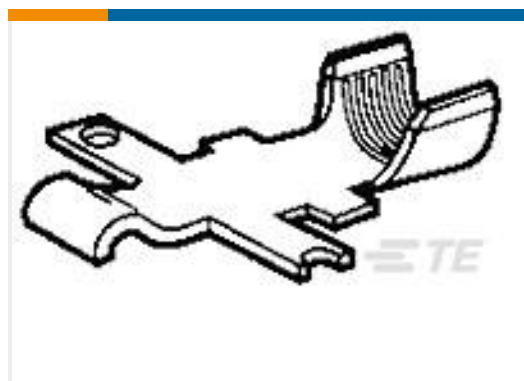
TE Part #53886-1  
PNL MT ADAPTER,FEMALE,POWER LK



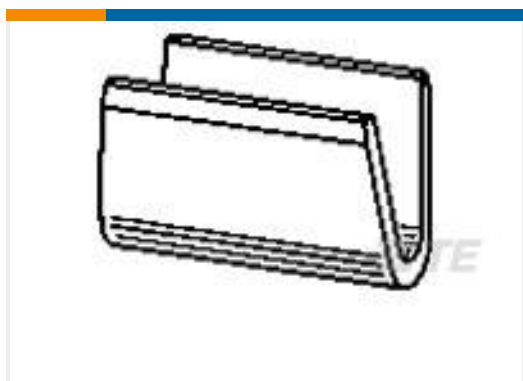
TE Part #1-1600960-8  
CONT 8-10 AWG PWR, STD PLATE & LK



TE Part #1600798-2  
STR RCPT ASSY MBXL W/KEYS 2ACP



TE Part #53880-2  
CONTACT,PWR LK,SRS2,STRIP,CRMP



TE Part #140723-2  
SPLICE 22-16 AWG .02 TPBR

## Documents

### Product Drawings

187 FASTON REC 20-16 AWG TPBZ

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_42452-5\_CU.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_42452-5\\_CU.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_42452-5\\_CU.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

[82004 FASTON Terminals \(Insulated and Uninsulated\) Catalog - FASTON Receptacles Section](#)

English

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## Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

[Wire Preparation And Crimp Inspection Guide](#)

English