

42452-2 ✓ ACTIVE

FASTON | FASTON 187

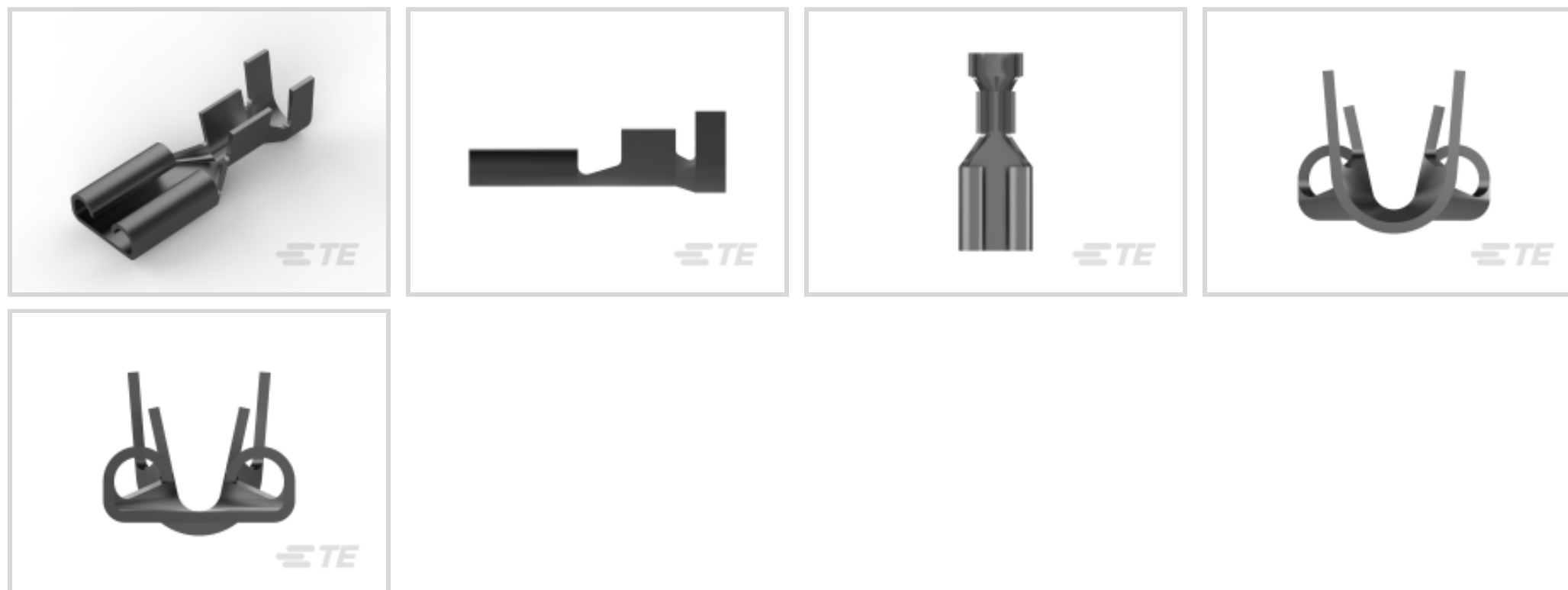
TE Internal #: 42452-2

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

[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
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

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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

Compatible With Agency/Standards Products	CSA, UL
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### Packaging Features

Packaging Quantity	20000
Packaging Method	Strip/Reel

### Other

Line	Premier
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### 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) Candidate List Declared Against: JUNE 2024 (241) 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 # 42197-2  
205 FASTON REC 22-18 AWG TPBR



TE Part # 157440-1  
187 FASTON,REC.,20-16 AWG,BR



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



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



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



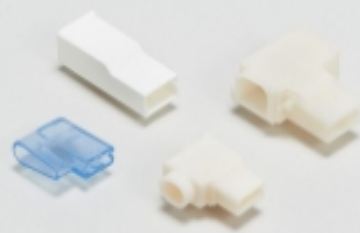
**KIT**  
REPRESENTATION ONLY

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(41)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(208)



Splices(1)

## Customers Also Bought



TE Part #521367-2  
ULTRA-POD 250 ASSY REC 18-14  
AWG TPBR



TE Part #2-321518-1  
TERMINAL, PG R 16-14HD 10



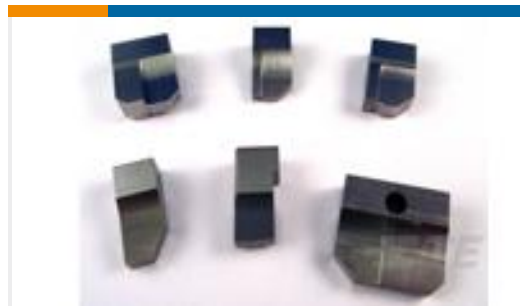
TE Part #1969897-1  
250 FASTON HSG., REC., 5 POS, BLACK



TE Part #8-2338183-4  
EP 2.5 HOUSING 4P, GREEN, UL  
version



TE Part #521633-2  
ULTRA-POD 250 ASY REC 18-14 AWG  
TPBR



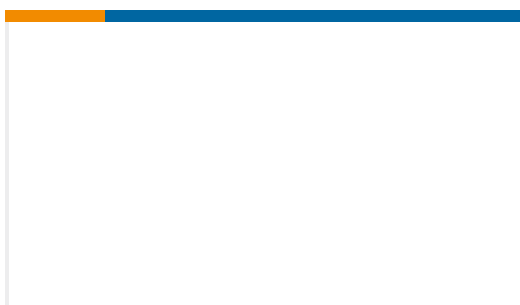
TE Part #1633917-1  
ANVIL COMBINATION



TE Part #2238207-3  
187 FASTON, REC., 20-16 AWG, TPBR



TE Part #521284-1  
ULTRA-POD 187 ASSY REC 20-16  
AWG BR



TE Part #2217623-1  
PANEL ASSEMBLY, AMP 3K/5K

## Documents

### Product Drawings

[187 FASTON REC 20-16 AWG TPBR](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_42452-2\\_CU.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_42452-2\\_CU.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_42452-2\\_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

[FASTIN\\_FASTON\\_Product\\_Line](#)

English

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

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[Agency Approval Document](#)

English