

42452-2 ✓ ACTIVE

FASTON | FASTON 187

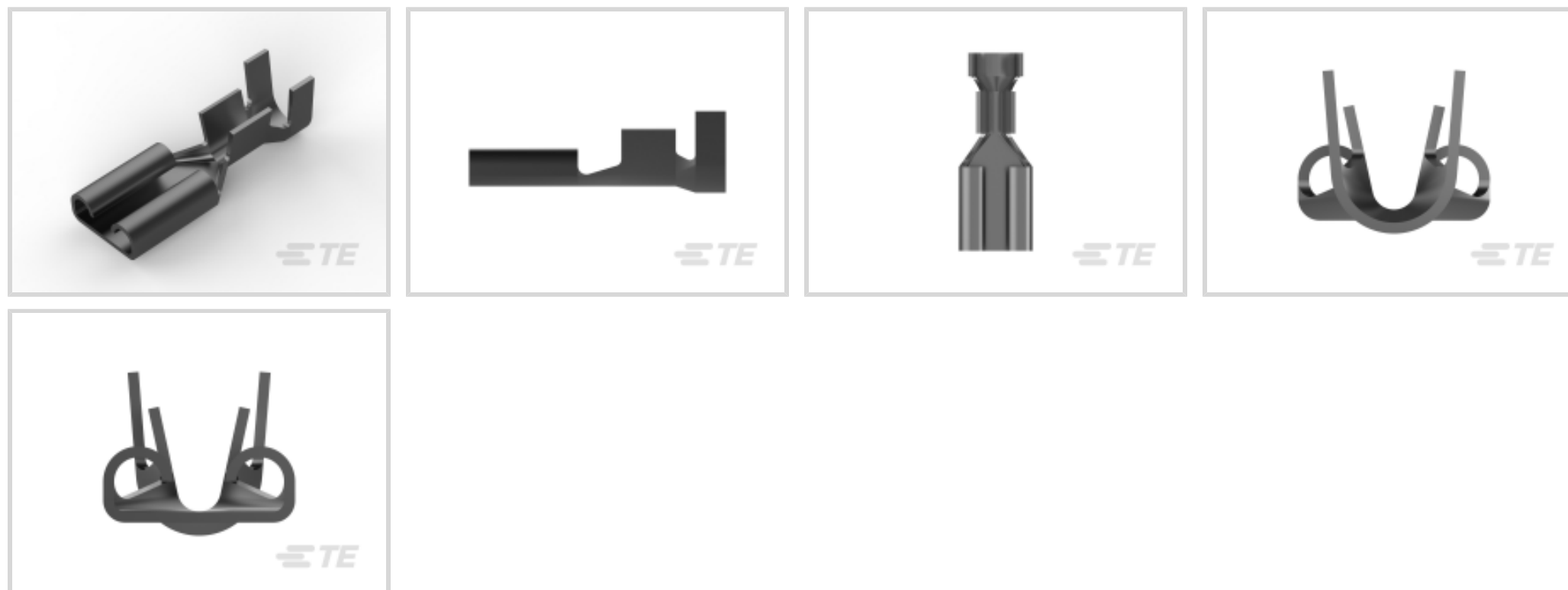
TE Internal #: 42452-2

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, FASTON 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.31 mm²

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	Brass
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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
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Mating Retention Type	Dimple
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Dimensions

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

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

Agency/Standard	CSA, UL
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Packaging Features

Packaging Quantity	20000
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Packaging Method	Strip/Reel
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Other

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

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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



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



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



TE Part # 7-2150007-7
OCEAN_2.0_SPARE_PART_KIT-090F140F



TE Part # 2-2150007-1
OCEAN_2.0_Applicator-E-090F140F



TE Part # 2-2150007-2
OCEAN_2.0_Applicator-E-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 #521367-2
ULTRA-POD 250 ASSY REC 18-14
AWG TPBR



TE Part #1-1969442-1
EP 2.5 TPA Housing, 11 Pos



TE Part #928247-3
3P ST-TIMER GEH



TE Part #1-1659318-0
H30008/5000



TE Part #1-61795-0
RING 18-14 105-145 #10 025TPBR



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



TE Part #852743-3
CRIMPER, WIRE



TE Part #2331088-2
250 PL MII HSG. REC. 13MM2P BLACK



TE Part #2331225-1
187 PL EX REC. 20-14AWG PTBR

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.

Datasheets & Catalog Pages

FASTIN_FASTON_Product_Line

English

82004 FASTON Terminals (Insulated and Uninsulated) Catalog - FASTON Receptacles Section

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English

Agency Approvals

Agency Approval Document

English