

1742883-1 ✓ ACTIVE

FASTON | FASTON 187

TE Internal #: 1742883-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Steel, 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: .81 mm [.032 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	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Steel
Terminal Plating Material	Nickel
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	15.11 mm[.595 in]
Compatible Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Wire Size	.51 – 1.31 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 250 °C[-40 – 482 °F]

Industry Standards

Agency/Standard	CSA, RU (UL Component Program), UL
Approved Standards	UL E66717

Packaging Features

Packaging Quantity	18000
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 # 2-480435-3
187 FASTON HSG., REC., 1 POS, BLACK



TE Part # 2-480435-2
187 FASTON HSG., REC., 1 POS, NATURAL



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



TE Part # 1-480435-0
FASTON 187 REC HSG NYLON NAT



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 # 480435-2
187 FASTON HSG. REC 1P BLACK



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

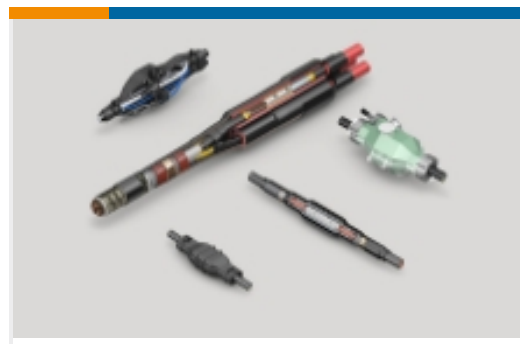
Also in the Series | FASTON 187



Crimp Terminal Housings(42)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(209)



Splices(1)

Customers Also Bought



TE Part #521367-1
ULTRA-POD 250 ASSY REC 18-14 AWG BR



TE Part #2238041-1
187 FASTON,REC.,20-16 AWG,NPST



TE Part #1742594-1
205 FASTON,REC.,18-14 AWG,NPST



TE Part #521411-1
ULTRA-POD 250 ASY REC 22-18 AWG BR



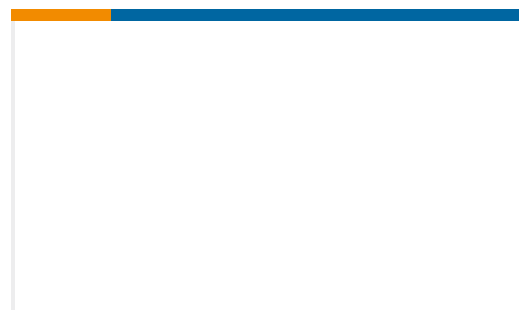
TE Part #6-1971772-2
PTL 1X2 CAP PANEL MT HITEMP KEY B RED



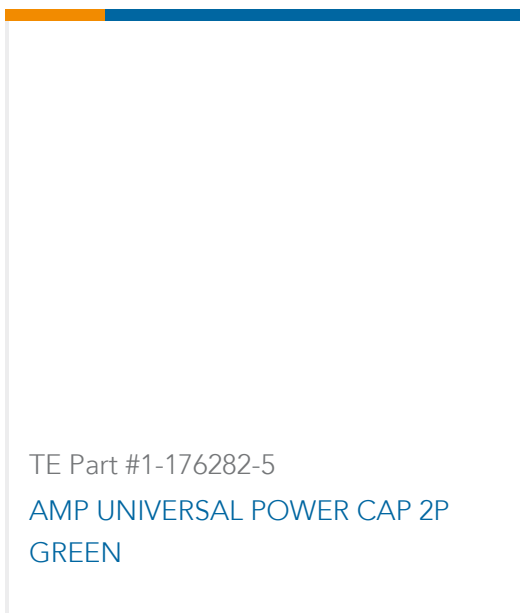
TE Part #1862006-5
STD PW TIMER CONTACT



TE Part #2005542-1
BLOWER MOTOR 3P PLUG



TE Part #2005543-6
BLOWER MOTOR 3P DBL BLUE



TE Part #1-176282-5
AMP UNIVERSAL POWER CAP 2P GREEN

Documents



Product Drawings

187 FASTON,REC.,20-16 AWG,NPST

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1742883-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1742883-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742883-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1-1773948-2 Standard Line FASTON Receptacles QRG

English

Introductory Flyer - Low Insertion Force FASTON Terminals

English

Product Specifications

Application Specification

English

Application Specification

English

FASTIN-FASTON 110, 187, 205 And 312 Series Receptacle Contacts

English

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English