

1742899-1 ✓ ACTIVE

FASTON | FASTON 187

TE Internal #: 1742899-1

Quick Disconnects, Receptacle, 18 – 16 AWG Wire Size, .82 – 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: .82 – 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 mm[.59 in]
Compatible Insulation Diameter Range	2.67 – 5.33 mm[.105 – .21 in]
Wire Size	.82 – 1.31 mm ²

Usage Conditions

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

Industry Standards

Agency/Standard	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: 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 reviewed 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



Also in the Series | **FASTON 187**



Crimp Terminal Housings(42)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)

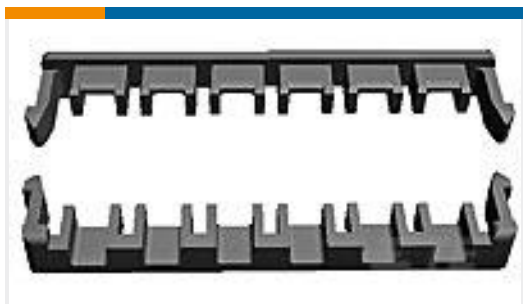


Quick Disconnects(209)



Splices(1)

Customers Also Bought



TE Part #1376394-1
5MM POWER KEY D/L PLATE GREEN



TE Part #1971784-2
PTL TAB CONTACT, 16-19 AWG, 2X22 AWG



TE Part #63577-1
250 FASTON FLAG REC 22-16 AWG BR



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



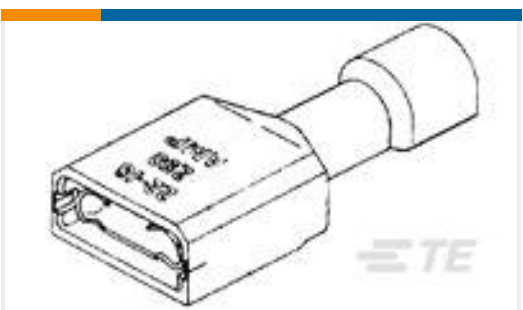
TE Part #1742594-1
205 FASTON,REC.,18-14 AWG,NPST



TE Part #42722-1
RING TONGUE 12-10 AWG BR



TE Part #1742543-1
250 FASTON,FLAG,REC.,18-12 AWG, NPST



TE Part #2-520181-4
ULTRA-FAST 187 ASY REC 22-18 TPPB



TE Part #794535-1
06P UMNL PLUG HSG 150C BLK



TE Part #2178661-3
MULTIFIT MK2 ASSY3P

Documents



Product Drawings

[187 FASTON,REC.,18-16 OR 2X18 AWG,NPST](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1742899-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742899-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1742899-1_B.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

Product Environmental Compliance

[TE Material Declaration](#)

English
