



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**
Wire Size: **.51 – 1.31 mm²**
Quick Disconnect Mating Tab Width: **4.75 mm [.187 in]**
Quick Disconnect Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Normal
Sealable	No
Insulated	No

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Nickel

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle



Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Steel
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Overall Length	15.11 mm[.595 in]
Receptacle Terminal Stock Thickness	.3 mm[.012 in]
Wire Size	.51 – 1.31 mm ²
Quick Disconnect Mating Tab Width	4.75 mm[.187 in]
Quick Disconnect Mating Tab Thickness	.51 mm[.02 in]

Usage Conditions

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

Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	18000
Quick Disconnect 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 FASTON 187 REC HSG BLK
 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(40)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(48)



Quick Disconnects(222)



Splices(1)

Customers Also Bought



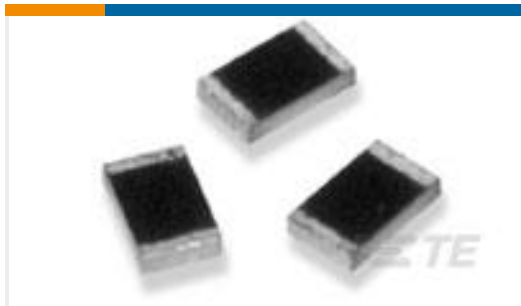
TE Part #1742975-1
110 PL REC. 22-18AWG TPBR



TE Part #1742883-1
187 FASTON,REC.,20-16 AWG,NPST



TE Part #1-480318-4
02P CMNL PLUG HSG F/H YELL



TE Part #1879808-1
RP 1J 1K0 0.1% 15PPM 5K RL



TE Part #1-2040444-2
DYNAMIC 1500T REC AND TAB HSG



TE Part #1624199-9
17P/E 470KA 6X19FL



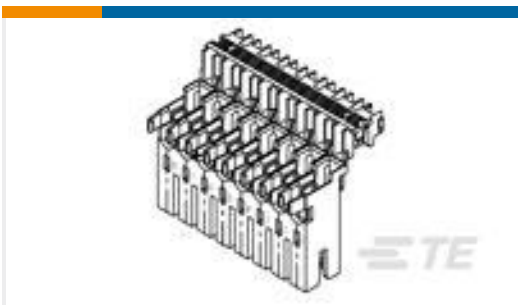
TE Part #1-1623927-9
CFR16 5% 180R



TE Part #63733-3
GROUND CLIP 18-22AWG TPPBR



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



TE Part #1-282045-2
AMP MONO-SHAPE P.C.B.CONN5P. G

Documents



Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1742841-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1742841-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1742841-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Introductory Flyer - Low Insertion Force FASTON Terminals

English

1-1773948-2 Standard Line FASTON Receptacles QRG

English

Product Specifications

Application Specification

English

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

English

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL

English