



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **.51 – 1.65 mm²**

Quick Disconnect Mating Tab Width: **4.75 mm [.187 in]**

Quick Disconnect Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

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

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle



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

Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	70 Newton
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.3 – 3.3 mm[.09 – .13 in]
Overall Length	15 mm[.59 in]
Receptacle Terminal Stock Thickness	.3 mm[.012 in]
Wire Size	.51 – 1.65 mm ²
Quick Disconnect Mating Tab Width	4.75 mm[.187 in]
Quick Disconnect Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Insulation Requirement	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Industry Standards

UL Rating	Listed
CSA Certified	Yes

Packaging Features

Packaging Quantity	12000
Quick Disconnect Packaging Method	Strip/Reel

Other

Comment	Reeled with interleaving paper strip.
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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: 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 # 2-2150081-1 OCEAN_2.0_APPLICATOR-E-090F130F	TE Part # 2-2150081-2 OCEAN_2.0_APPLICATOR-E-090F130F	TE Part # 2150081-1 OCEAN_2.0_APPLICATOR-E-090F130F	TE Part # 2150081-2 OCEAN_2.0_APPLICATOR-E-090F130F
TE Part # 6-160429-2 FASTON 187 1.0-2.5MM TPBR	TE Part # 7-2150081-1 OCEAN_2.0_APPLICATOR-E-090F130F	TE Part # 7-2150081-2 OCEAN_2.0_APPLICATOR-E-090F130F	TE Part # 7-2150081-7 OCEAN_2.0_SPARE_PART_KIT-090F130F



TE Part # 2276203-1

Mini Applicator-LP

TE Part # 7-2276203-7

KIT FOR APPLICATOR

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 #1721538-7

STD OEG Miniature PCB OJ/OJE Pow Relays

TE Part #180351-8

FF 250 REC 4-6MM2 PTBR

TE Part #1393240-6

RT314615

TE Part #144935-1

MQS, CONNECTOR HOUSING

TE Part #G-TPCO-035

TS418-1N426

TE Part #1241964-7

STD TIM HOUSING 7P

TE Part #1-480417-0

110 FASTON HSG.,REC.,1 POS, NATURAL

TE Part #171725-1

MIC CAP 13P WIRE TO WIRE



Documents

Product Drawings

FASTON 187 REC 0.5-1.5MM2 0.32 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-160430-7_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-160430-7_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-160430-7_BA.3d_stp.zip

English

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

Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Appl. spec. FASTON COnn. .187 & .197 sr. rec. etc. & L.I.F. rec. etc.

English

Application Specification

English

Product Environmental Compliance

MD_5-160430-7_112520182252_dmtec

English

MD_5-160430-7_112520182252_dmtec

English

Agency Approvals

VDE Certificate



English