280919-4 ✔ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 187

TE Internal #: 280919-4

Receptacle, 20 – 15 AWG Wire Size, .51 – 1.65 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, FASTIN-FASTON 187, Quick Disconnects

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.65 mm²**

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

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

Features

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	Phosphor Bronze
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	.51 – 1.65 mm²
Product Length	16 mm[.629 in]
Compatible Insulation Diameter Range	2.31 – 3.3 mm[.091 – .129 in]
Terminal Material Thickness	.25 mm[.01 in]

Packaging Features

Packaging Method	Strip/Reel

Packaging Quantity	8000

Product Type Features

Insertion Force	Normal

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Electrical Characteristics

Voltage Rating	250 V

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Locking Lance Height	1.2 mm
Wire Insulation Support	With
Mating Retention Type	Locking Lance
Extraction Force	4 Newton

Product Compliance

For compliance documentation, visit the product page on TE.com>

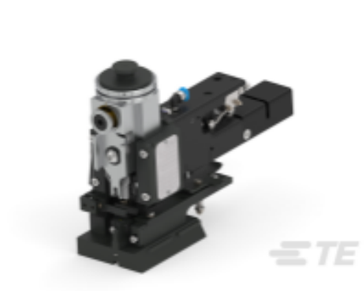
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 2150309-1
OCEAN_2.0_APPLICATOR-E-090F130F-REM



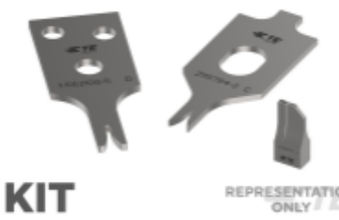
TE Part # 2150309-2
OCEAN_2.0_APPLICATOR-E-090F130F-REA



TE Part # 281197-5
FF 187 REC 1.0-2.5MM2 PTBR (RE REELING)

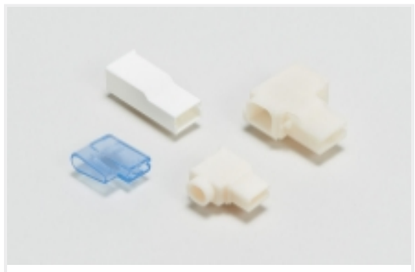


TE Part # 281197-6
FF 187 REC 1.0-2.5MM2 PTBR



TE Part # 7-2150309-7
OCEAN_2.0_SPARE_PART_KIT-090F130F

Also in the Series | FASTIN-FASTON 187



Crimp Terminal Housings(6)



Insertion & Extraction Tools(1)



Quick Disconnects(20)

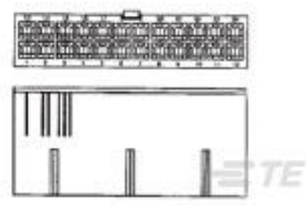
Customers Also Bought



TE Part #TAA756A5501-080
M12A5-MS-FR-PUR-8.0M



TE Part #42864-2
RING CRIMP 12-10 AWG TPBR



TE Part #1586017-8
8P FH PLUG VAL-U-LOK V0



TE Part #6-1419137-4
V23074A2001A403-EV-CBOX



TE Part #6-1393292-3
V23074A2002A403-EV-CBOX



TE Part #4-1904124-3
V23074A1001A403-EV-CBOX



TE Part #182485-4
FF 187 REC 0.5-1.5MM2 TPPB LP



TE Part #1-1904045-6
V23333Z0001B046-EV-100



TE Part #6-1904045-5
V23333Z1001B045-EV-441

TE Part #2-2819195-8
2 W ABS CABLE ASSY MBB 12.000

Documents

Product Drawings

FF 187 REC 0.5-1.5MM2 TPPB

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280919-4_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280919-4_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280919-4_M.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

FASTIN-FASTON Connector, .187 rec. ctc.