7-160433-8 ✔ ACTIVE

FASTON | FASTON 187

TE Internal #: 7-160433-8

Quick Disconnect Receptacle, Uninsulated, 20 – 15 AWG, .51 – 1.65 mm² Wire, 4.75 mm [.187 in] Tab Width, F-Crimp, Straight, Brass, FASTON 187

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: **.51 mm [.02 in]**

Features

Product Type Features

Insertion Force	Low

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	7.1 kgf

Dimensions

Product Length	15 mm[.59 in]
Compatible Insulation Diameter Range	2.31 – 3.3 mm[.091 – .13 in]
Terminal Material Thickness	.3 mm[.012 in]
Wire Size	.51 – 1.65 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	15000
Packaging Method	Strip/Reel

Other

Line	FASTON .187

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

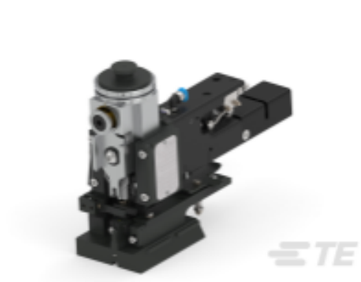
Product Compliance Disclaimer

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

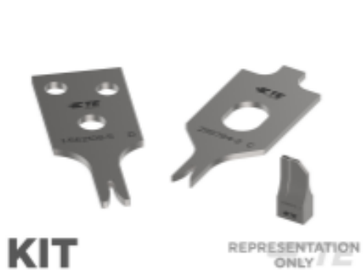
Compatible Parts



TE Part # 2150081-2
OCEAN_2.0_APPLICATOR-E-090F130F-REA

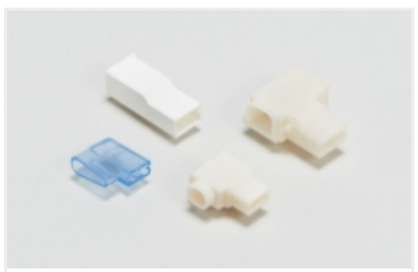


TE Part # 2150081-1
OCEAN_2.0_APPLICATOR-E-090F130F-REM



TE Part # 7-2150081-7
OCEAN_2.0_SPARE_PART_KIT-090F130F

Also in the Series | FASTON 187



Crimp Terminal Housings(40)



Insertion & Extraction Tools(1)



Insulation Boots & Sleeves(1)

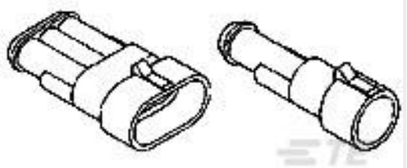


PCB Terminals(42)

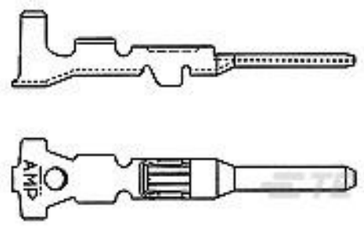


Quick Disconnects(203)

Customers Also Bought



TE Part #282104-1
AMP SUPERSEAL 1.5 SERIES 2P CA



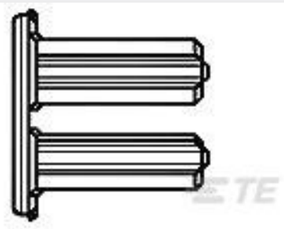
TE Part #282465-1
MINI MIC TAB CONTACT >1,5-



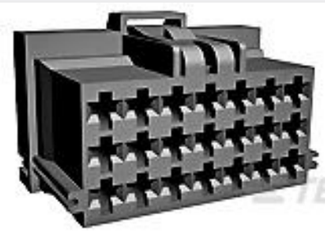
TE Part #2-964300-1
TAB A 2.8x0.8 CONTACT CF SWS Sn



TE Part #1-967624-1
JUN-POW-TIM HOUSING 18POS



TE Part #967632-1
2. KONT-SICHERUNG 12P



TE Part #6-968975-1
MCP2.8 GEH ASSY 21P



TE Part #1586055-1
VAL-U-LOK SKT BR SN 16AWG



TE Part #5205817-3
FEMALE SCREWLOCK KIT

TE Part #CJ6401-000
202K163-25/225-CS-2065-0

TE Part #CJ6398-000
202K132-25/225-CS-2065-0

Documents

Product Drawings

187 FASTON REC 20-15 AWG TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_7-160433-8_AY.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-160433-8_AY.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-160433-8_AY.3d_stp.zip

English

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

Product Specifications

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

English

Application Specification

English

Agency Approvals

UL Report

English