881623-1 ✔ ACTIVE

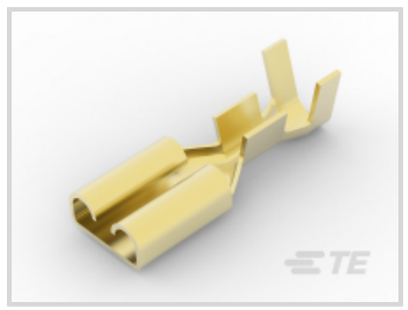
FASTON | FASTON 187

TE Internal #: 881623-1

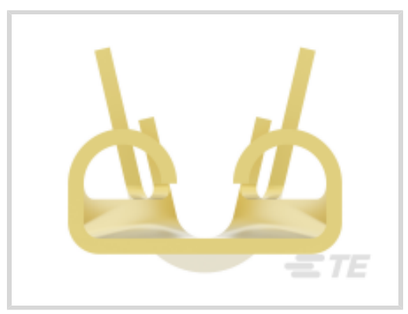
Receptacle, 20 – 17 AWG Wire Size, .51 – 1.03 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, FASTON 187, Quick Disconnects

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.03 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	Brass
Terminal Plating Material	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	.51 – 1.03 mm²
Product Length	15.1 mm[.594 in]
Compatible Insulation Diameter Range	2.01 – 3.3 mm[.079 – .13 in]
Terminal Material Thickness	.3 mm[.012 in]

Packaging Features

Packaging Method	Strip/Reel

Packaging Quantity	15000

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

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Industry Standards

Compatible With Agency/Standards Products	UL

Product Compliance

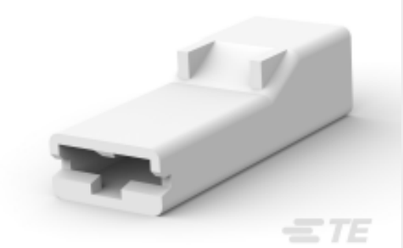
For compliance documentation, visit the product page on TE.com>

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

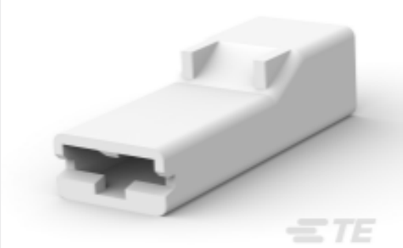
Product Compliance Disclaimer

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

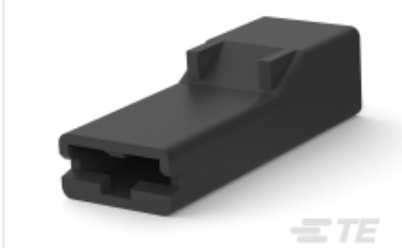
Compatible Parts



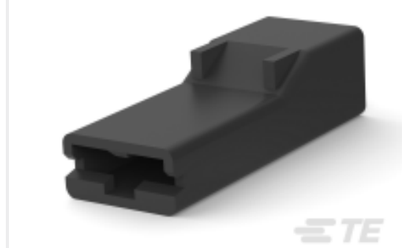
TE Part # 880488-2
187 FASTON HSG. REC. 1P NATURAL



TE Part # 1-880488-1
FASTON 187 HOUSING RECEPTACLE



TE Part # 880488-1
FASTON 187 HSG REC BLACK/PRETO



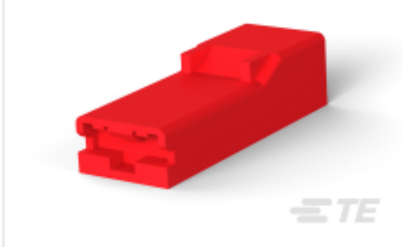
TE Part # 1-880488-2
FASTON 187 HOUSING RECEPTACLE



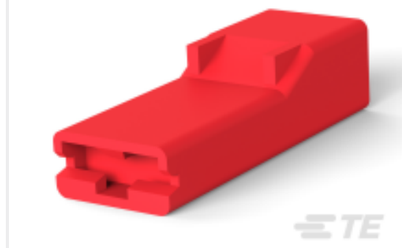
TE Part # 1-2133394-1
187 FASTON HSG.,REC.,1 POS, NATRUAL



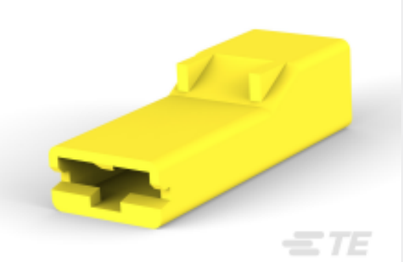
TE Part # 1-2133394-2
187 FASTON HSG.,REC.,1 POS,BLACK



TE Part # 1-2133394-3
187 FASTON HSG.,REC.,1 POS,RED



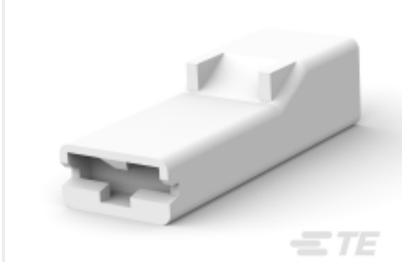
TE Part # 1-880488-4
FASTON 187 HOUSING RECEPTACLE



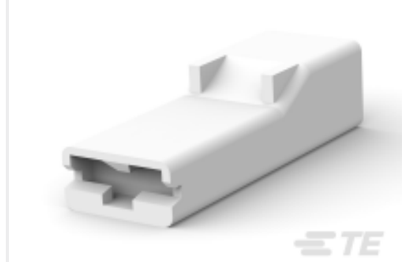
TE Part # 1-880488-5
FASTON 187 HOUSING RECEPTACLE



TE Part # 2-2133394-1
187 FASTON HSG.,REC.,1 POS, NATRUAL



TE Part # 2-880488-1
FASTON 187 HOUSING RECEPTACLE



TE Part # 2-880488-2
.187 S FASTON RECEPTACLE HSG



TE Part # 2150279-1
OCEAN_2.0_Applicator-E-080F130F-REM

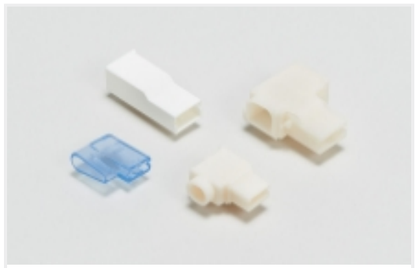


TE Part # 2150279-2
OCEAN_2.0_Applicator-E-080F130F-REA



TE Part # 7-2150279-7
OCEAN_2.0_SPARE_PART_KIT-080F130F

Also in the Series | FASTON 187



Crimp Terminal Housings(41)



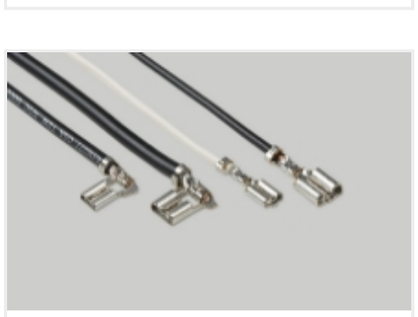
Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)



Quick Disconnects(207)



Splices(1)

Customers Also Bought



TE Part #5-2232362-3
PTL MFBL 1X3 PLUG HSG GLW WIRE NAT



TE Part #626036-2
RING TONGUE TERMINAL 4.0-6.0 MM2 TPBR



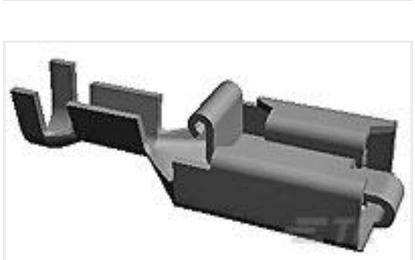
TE Part #1-2133341-2
250 HSG. PL MKI REC. NAT



TE Part #8-735075-0
250 FASTON HSG. REC. 1P NATURAL



TE Part #2232723-1
PTL MFBL RECPT CONTACT, 16-19 AWG, 2X22



TE Part #880646-1
PL REC 0.5-1.0MM2 0.40 X 52.32 BR



TE Part #4-280050-1
250 FASTON,FLAG,REC.,16-20 AWG, BR



TE Part #881623-2
187 FASTON REC 20-17 AWG TPBR

Documents

Product Drawings

187 FASTON REC 20-17 AWG BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_881623-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_881623-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_881623-1_P.3d_stp.zip

English

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

Product Specifications

EB**General Application Specification for Open Barrel Terminals

English

Application Specification

English

Agency Approvals

UL Report

English