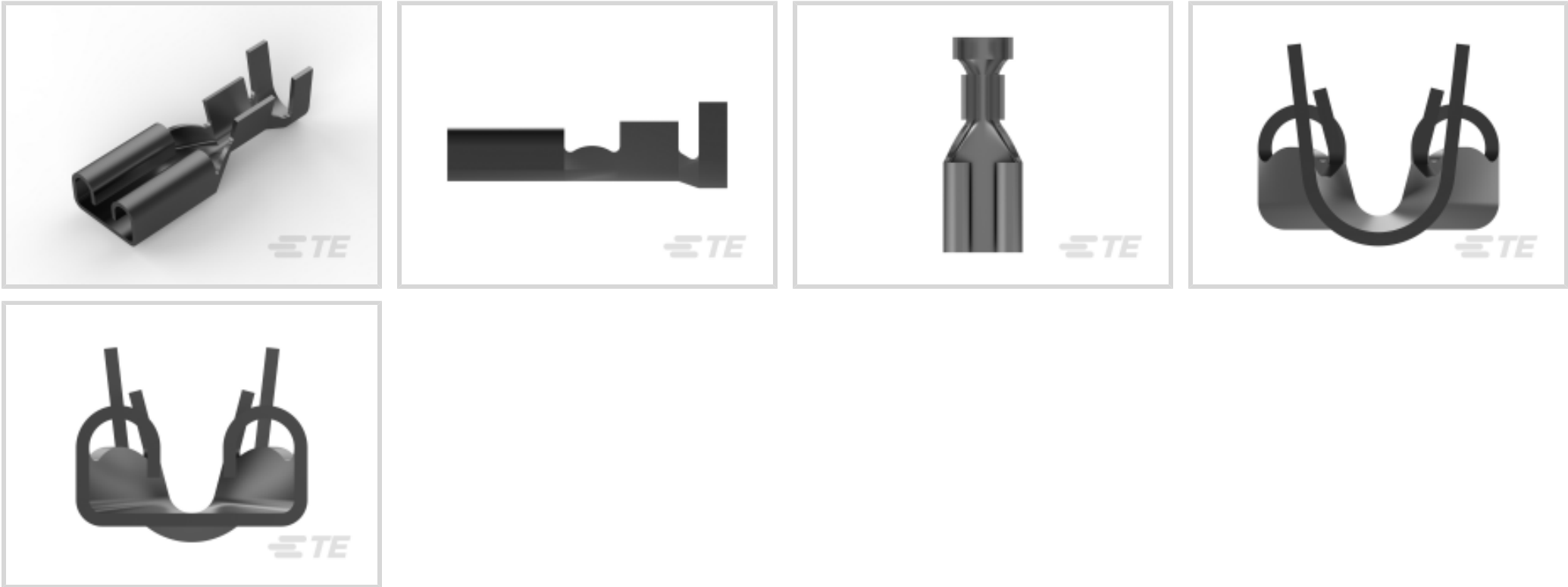




Terminals & Splices > Quick Disconnects



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	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
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.29 – 3.3 mm[.09 – .13 in]
Overall Length	16.6 mm[.653 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 – 110 °C[-40 – 230 °F]

Industry Standards

UL Rating	Listed
CSA Certified	Yes

Packaging Features

Packaging Quantity	9000
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 # 2150007-1 OCEAN_2.0_Applicator-E-090F140F	 REPRESENTATION ONLY TE Part # 755336-1 DAHT FASTON 22-14 ASSY	 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 # 2178549-2 187 FASTON,REC.,18-14 AWG,TPBR	 TE Part # 2232975-1 187 FASTON,REC.,20-16 AWG,TPBR	 TE Part # 7-2150007-1 OCEAN_2.0_Applicator-E-090F140F
 TE Part # 7-2150007-2 OCEAN_2.0_Applicator-E-090F140F	 KIT REPRESENTATION ONLY TE Part # 7-2150007-7 OCEAN_2.0_SPARE_PART_KIT-090F140F	 TE Part # 2825630-1 STD MAG-MATE .187 POKE-IN TAB	 TE Part # 2825631-1 STD MAG-MATE .187 POKE-IN TAB



TE Part # 2825632-1
STD MAG-MATE .187 POKE-IN TAB

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 #1565079-1
GRACE INERTIA Receptacle

TE Part #170011-8
RING STRIP 18-14 MM2 0.503 X 11.938 TPBR

TE Part #1-176497-1
250 HSG. PL EX FLAG REC. NAT

TE Part #770329-1
04P .093 COMM P&S RECPT .250CL

TE Part #1565081-1
STD Temp GRACE INERTIA Plug

TE Part #1565088-1
STD Temp GRACE INERTIA Cap

TE Part #1-174260-1
ECONO-J MK-2 LOCK PLATE CAP 4P

TE Part #1-174353-1
070 E-J MK2 PLATE 2P



Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170037-2_AD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170037-2_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170037-2_AD.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_170037-2_05312018106_dmtec

English

MD_170037-2_05312018106_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

UL Report

English