



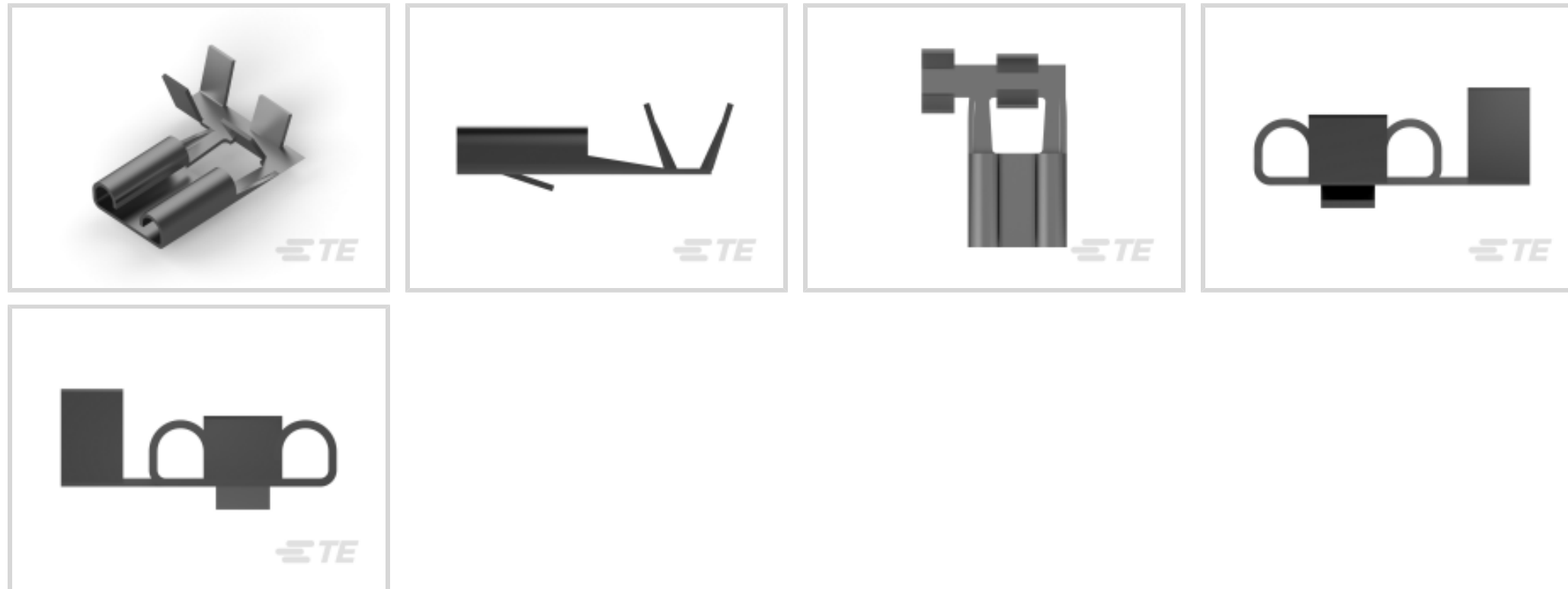
FASTIN-FASTON | FASTIN-FASTON 312

TE Internal #: 180453-2

Receptacle, 17 – 13 AWG Wire Size, 1.03 – 2.62 mm² Wire Size, Mating Tab Width 7.92 mm [.312 in], Flag, Brass, FASTIN-FASTON 312, Quick Disconnects

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1.03 – 2.62 mm²**

Mating Tab Width: **7.92 mm [.312 in]**

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

Features

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	7.92 mm[.312 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Flag
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	1.03 – 2.62 mm ²
Product Length	18.5 mm[.728 in]
Compatible Insulation Diameter Range	2.5 – 3.81 mm[.098 – .15 in]
Terminal Material Thickness	.41 mm[.016 in]

Packaging Features

Packaging Method	Strip/Reel
------------------	------------



Packaging Quantity	3000
--------------------	------

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

Wire Insulation Support	With
-------------------------	------

Mating Retention Type	Locking Lance
-----------------------	---------------

Industry Standards

UL Flammability Rating	UL 94V-2
------------------------	----------

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 # 180373-2
FF 312 REC 1-2.5MM2 TPBR



TE Part # 170191-1
FF 312 REC 18-14AWG BR REREELING



TE Part # 170191-3
FF 312 REC 18-14AWG TPBR REREELING



TE Part # 180398-2
FF 250 REC 1-2.5MM2 TPBR



TE Part # 180398-5
FF 250 REC 1-2.5MM2 TPPB



TE Part # 2151089-1
OCEAN_2.0_Applicator-S-120F180OV-SSM



TE Part # 2151089-2
OCEAN_2.0_Applicator-S-120F180OV-SSA



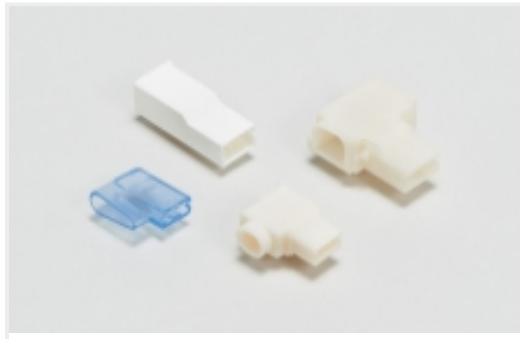
TE Part # 280315-2
FF 312 REC 2.5-4MM2 PB SILVER PLATED



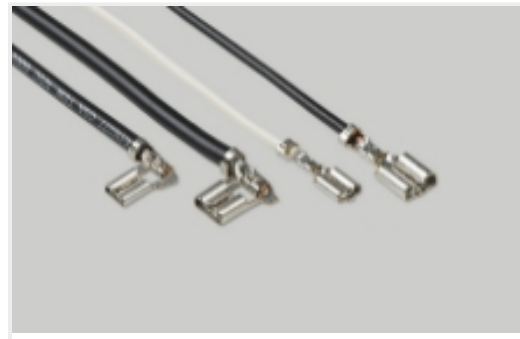
KIT
REPRESENTATION ONLY

TE Part # 7-2151089-7
OCEAN_2.0_SPARE_PART_KIT-120F180OV

Also in the Series | **FASTIN-FASTON 312**

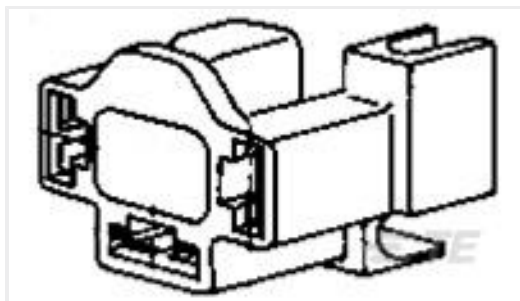


Crimp Terminal Housings(12)



Quick Disconnects(10)

Customers Also Bought



TE Part #180913
FF 250 REC HSG 3P NYLON NAT



TE Part #881742-1
ASS'Y JR P.TIMER 3W



TE Part #1-1633620-2
ANVIL, COMBINATION



TE Part #1803143-2
CRIMPER, INSUL O



TE Part #626584-1
SPLICE 1500/5000 CMA BR



TE Part #2-240641-4
SPACER,SLUG BLADE(150)



TE Part #1-690438-0
FRONT STRIP GUIDE



TE Part #1-690407-0
CRIMPER SPACER



TE Part #5-238011-2
BLOCK, CRIMPER SPACER



TE Part #624511-3
MOVING SPACER

Documents

Product Drawings

[FF 312 REC 1-2.5MM2 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_180453-2_AY_c-180453-2-ay.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_180453-2_AY_c-180453-2-ay.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_180453-2_AY_c-180453-2-ay.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