180453-2 ✔ ACTIVE

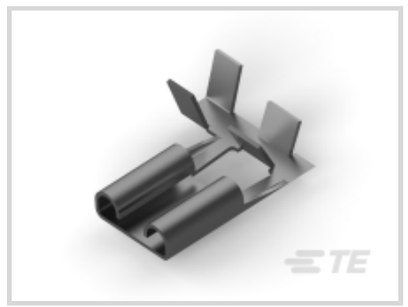
FASTIN-FASTON | FASTIN-FASTON 312

TE Internal #: 180453-2

Quick Disconnects, 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

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

Product Type Features

Insertion Force	Normal

Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Voltage Rating	250 V

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

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Locking Lance

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	18.5 mm[.728 in]
Compatible Insulation Diameter Range	2.5 – 3.81 mm[.098 – .15 in]
Wire Size	1.03 – 2.62 mm²

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	3000
Packaging Method	Strip/Reel

Other

Terminals & Splices Comment	For Mini Applicator.

Product Compliance

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

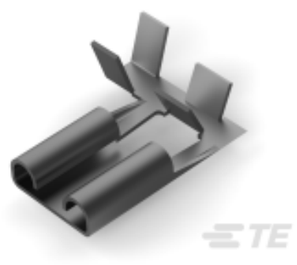
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not 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

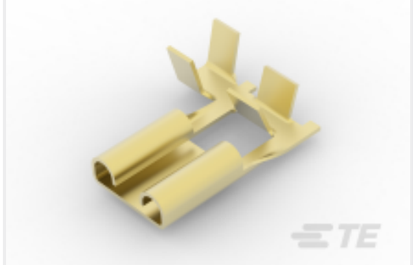
Product Compliance Disclaimer

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

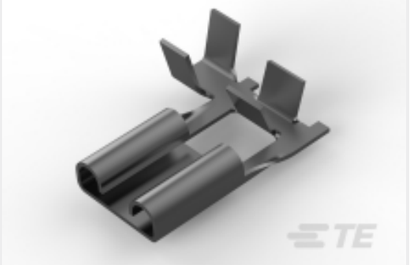
Compatible Parts



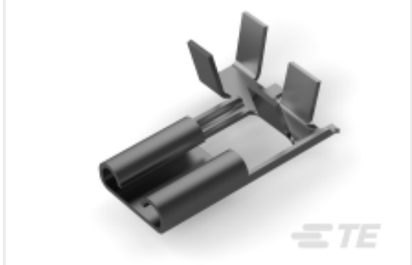
TE Part # 180373-2
FF 312 REC 1-2.5MM2 TPBR



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 # 2-2151089-1
OCEAN_2.0_Applicator-S-120F180OV



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



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



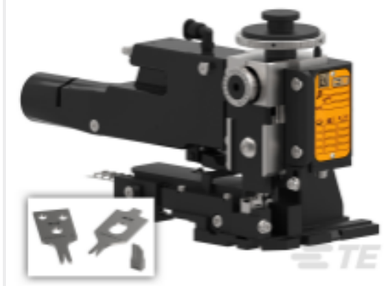
TE Part # 2151089-2
OCEAN_2.0_Applicator-S-120F180OV



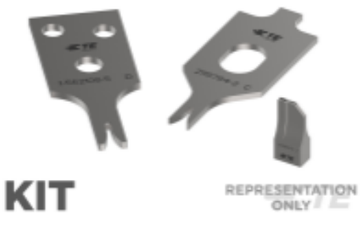
TE Part # 280315-2
FF 312 REC 2.5-4MM2 PB SILVER PLATED



TE Part # 7-2151089-1
OCEAN_2.0_Applicator-S-120F180OV



TE Part # 7-2151089-2
OCEAN_2.0_Applicator-S-120F180OV

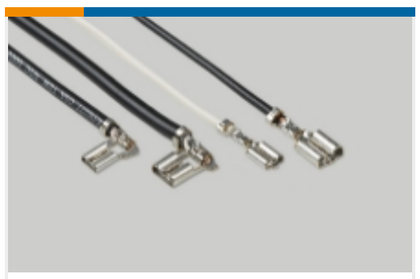


TE Part # 7-2151089-7
OCEAN_2.0_SPARE_PART_KIT-120F180OV

Also in the Series | FASTIN-FASTON 312



Crimp Terminal Housings(13)



Quick Disconnects(13)

Customers Also Bought



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



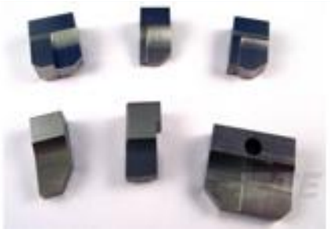
TE Part #3-1633965-8
INSULATION CRIMPER



TE Part #4-456404-7
CRIMPER, WIRE .070 F



TE Part #4-657555-0
DRAHTCRIMPER



TE Part #7-1333203-6
ANVIL, COMBINATION .070

TE Part #1-22279-3
SPRING,COMPRESSION

TE Part #197528-2
FEED PAWL



TE Part #2819163-1
CAVITY PLUG

TE Part #690619-5
RETAINING PLATE

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

Product Environmental Compliance

MD_180453-2_03282014719_dmtec

English

MD_180453-2_03282014719_dmtec

English