42281-2 ✔ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

TE Internal #: 42281-2

Quick Disconnect Receptacle, Uninsulated, 18 – 14 AWG, .82 – 2.08 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, Brass, FASTIN-FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

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

Features

Product Type Features

Insertion Force	Normal

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 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	Locking Lance

Dimensions

Product Length	19.05 mm[.75 in]
Compatible Insulation Diameter Range	2.79 – 4.32 mm[.11 – .17 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.82 – 2.08 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	CSA, UL

Packaging Features

Packaging Quantity	11000
Packaging Method	Strip/Reel

Product Compliance

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

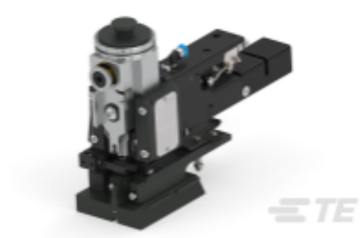
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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

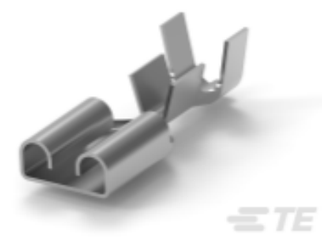
Compatible Parts

TE Part # 2150042-2
OCEAN_2.0_APPLICATOR-E-110F180FA-REA



TE Part # 2150042-1
OCEAN_2.0_APPLICATOR-E-110F180F-REM

TE Part # 90165-1
DAHT 250 FASTON REC 18-14 ASSY

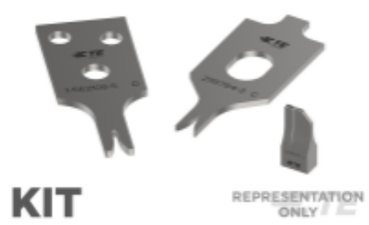


TE Part # 157480-2
FF 250 REC 0.8-2MM2 TPBR

TE Part # 4-1579007-3
EXTRACTION TOOL KIT

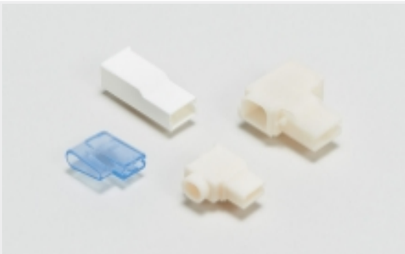
TE Part # 1-1579007-4
EXTRACTION TOOL

TE Part # 58524-1
PC F FASTON 250 18-14 ASSY



TE Part # 7-2150042-7
OCEAN_2.0_SPARE_PART_KIT-110F180F

Also in the Series | FASTIN-FASTON 250

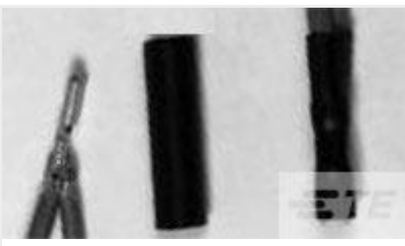


Crimp Terminal Housings(192)

Insertion & Extraction Tools(2)

Quick Disconnects(217)

Customers Also Bought



TE Part #5202066047
RT-3-NO.1-0-1.25IN

TE Part #8-1676913-5
YR1 0.1% 31K6

TE Part #1676914-1
YR1 0.1% 34K8

TE Part #5-1676914-4
YR1 0.1% 52K3

TE Part #2176463-5
HCH165 200W 47R 5% LEAD

TE Part #2176503-6
CJP 80W 1R5 5% Lead

TE Part #2320923-2
AS16,PLUG ASSY,HT,06P,N SEAL, CODE B

TE Part #2377780-1
36POS,AMP MCP 1.5K,REC HSG ASSY, UNSLD

TE Part #ER1399-000
HEL-5845-ABB-MK3

TE Part #F97821-000
HEL-5846

Documents

Product Drawings

FF 250 REC 18-14AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42281-2_DJ_c-42281-2-dj.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42281-2_DJ_c-42281-2-dj.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42281-2_DJ_c-42281-2-dj.3d_stp.zip

English

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

Datasheets & Catalog Pages

FASTIN_FASTON_Product_Line

English

Positive Lock Receptacles

English

Product Specifications

Engineering Report

English