282180-1 ✔ ACTIVE

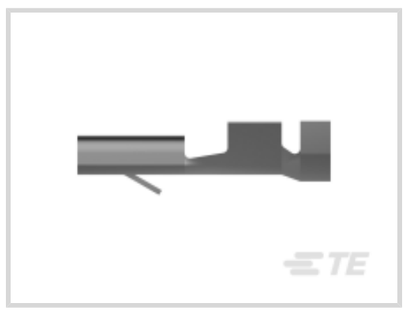
FASTIN-FASTON | FASTIN-FASTON 250

TE Internal #: 282180-1

Quick Disconnect Receptacle, Uninsulated, 20 – 15 AWG, .51 – 1.65 mm² Wire, 4.75 mm [.187 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: **.51 – 1.65 mm²**

Mating Tab Width: **4.75 mm [.187 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

Electrical Characteristics

Voltage Rating	250 V

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	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
Extraction Force	4 Newton

Dimensions

Product Length	16.6 mm[.653 in]
Compatible Insulation Diameter Range	1.5 – 2.4 mm[.059 – .094 in]
Terminal Material Thickness	.25 mm[.01 in]
Wire Size	.51 – 1.65 mm²

Usage Conditions

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

Packaging Features

Packaging Quantity	10000
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

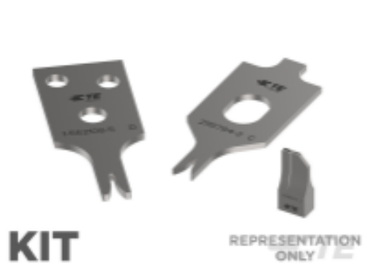
Product Compliance Disclaimer

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 # 2150303-2
OCEAN_2.0_Applicator-E-090F120F-REA

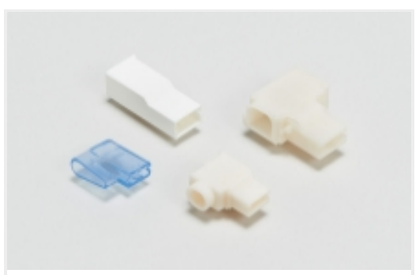


TE Part # 7-2150303-7
OCEAN_2.0_SPARE_PART_KIT-090F120F



TE Part # 2150303-1
OCEAN_2.0_Applicator-E-090F120F-REM

Also in the Series | FASTIN-FASTON 250



Crimp Terminal Housings(192)



Insertion & Extraction Tools(2)



Quick Disconnects(217)

Customers Also Bought



TE Part #DT04-08PA-C017
REC, 8P, GRY, BLOCKED, A



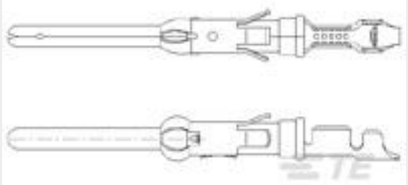
TE Part #DRC16-70SCE
PLG, 70P, BLK, E, C



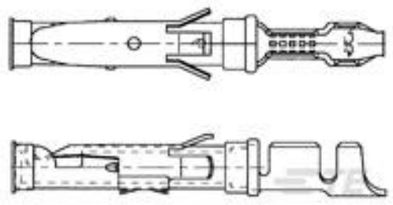
TE Part #CH13044001
LSTT-19-0-FSP



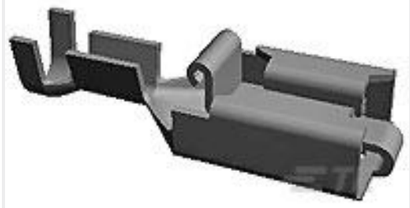
TE Part #DT04-2P-P049
REC, 2P, GRY, 4700 OHM RESISTOR, AU



TE Part #163090-1
062 PIN ASS. TYP3+



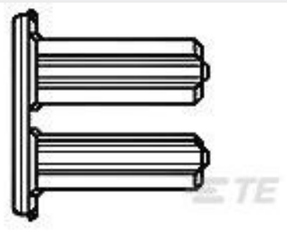
TE Part #163092-1
062 SOC.ASS. TYP3+



TE Part #281827-2
PL 0.5-1.5 MM2 0.40 X 52.30 TPBR



TE Part #1-967626-1
TAB HOUSING, 2,8MM,9POS.



TE Part #967631-1
2. KONT-SICHERUNG 9P



TE Part #1-1564559-2
4POS, MCON 1.2 LL TAB SEALED COD A

Documents

Product Drawings

FF 187 REC 0.5-1.5MM2 TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_282180-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282180-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282180-1_E.3d_stp.zip

English

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

Product Specifications

Application Specification

FASTIN-FASTON Connector, .187 rec. ctc.