5-160432-4 ✔ ACTIVE

FASTON | FASTON 250

TE Internal #: 5-160432-4

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .51 – 1.65 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, Brass, FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.65 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	Dimple
Extraction Force	8.1 kgf

Dimensions

Product Length	19 mm[.748 in]
Compatible Insulation Diameter Range	2.3 – 3.3 mm[.09 – .13 in]
Terminal Material Thickness	.41 mm[.016 in]
Wire Size	.51 – 1.65 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	7000
Packaging Method	Strip/Reel

Other

Line	Premier

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	有害物质含量符合标准要求 No Restricted Substance(s) 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

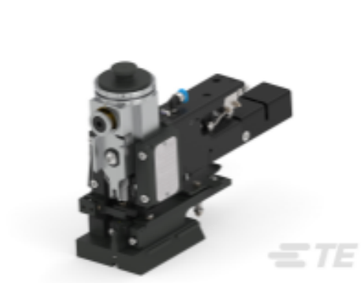
Product Compliance Disclaimer

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

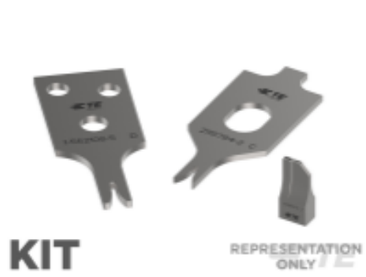
Compatible Parts



TE Part # 2150082-2
OCEAN_2.0_APPLICATOR-E-090F130F-REA



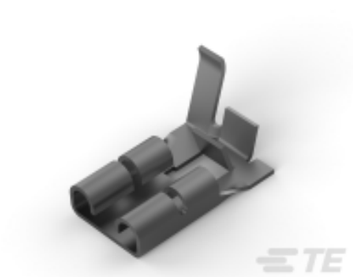
TE Part # 2150082-1
OCEAN_2.0_APPLICATOR-E-090F130F-REM



TE Part # 7-2150082-7
OCEAN_2.0_SPARE_PART_KIT-090F130F



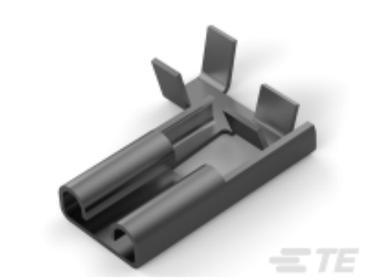
TE Part # 2376595-2
250 FASTON PCB TAB TPBR



TE Part # 190735-7
250 FASTON,FLAG,REC.,20-16 AWG, PTBR



TE Part # 735209-2
250 FASTON REC 22-18 AWG TPBR



TE Part # 180388-5
250 FASTON,REC.,20-16 AWG,TPPB

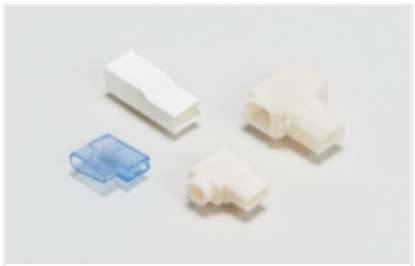


TE Part # 180388-2
250 FASTON,REC.,20-16 AWG,TPBR

Also in the Series | FASTON 250



Compression Connectors(4)



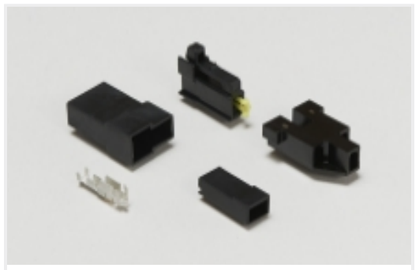
Crimp Terminal Housings(116)



Insertion & Extraction Tools(6)



Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)



PCB Terminals(131)



Quick Disconnects(411)

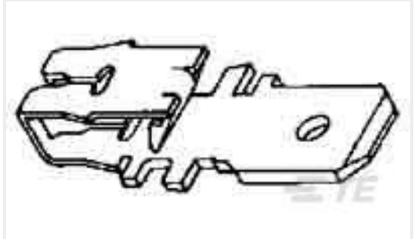


Splices(4)

Customers Also Bought



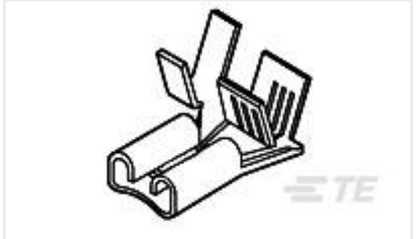
TE Part #63598-1
MAG-MATE 250 F-TAB TPBR



TE Part #63664-2
MAG-MATE 27-23 187 FTAB TPBR



TE Part #63882-1
MAG-MATE 250 F-TAB TPBR



TE Part #626412-1
187 FASTON FLAG REC 20-16 AWG BR



TE Part #926539-5
250 FASTON HSG. REC. 1P BLACK



TE Part #1742086-2
187 FASTON,FLAG,REC.,18-22 AWG, TPBR



TE Part #1-1825139-9
A205T1ZQ04



TE Part #7-2119582-6
CRIMPER, INSULATION F PREMIUM



TE Part #5-1415898-4
RTS3L009



TE Part #2176225-3
SMF3 56K 5% CUSTOM

Documents

Product Drawings

250 FASTON REC 20-16 AWG TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-160432-4_AV.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-160432-4_AV.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-160432-4_AV.3d_stp.zip

English

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

Datasheets & Catalog Pages

FASTON TERMINALS (INSULATED AND UNINSULATED) - FULL CATALOG

English

Product Specifications

Application Specification

English

Application Specification

English