

170030-1 ✓ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

TE Internal #: 170030-1

FASTIN-FASTON 250, Quick Disconnects, Tab, 20 – 14AWG Wire Size, .51 – 2.08mm<sup>2</sup> Wire Size, Quick Disconnect Mating Tab Width 6.35 mm [.25 in]

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Tab**

Wire Size: **.51 – 2.08 mm<sup>2</sup>**

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

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

## Features

### Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Quick Disconnect Insertion Force	Normal
Sealable	No
Insulated	No

### Configuration Features

Connection Capacity	Single
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### Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Unplated

### Contact Features

Terminal Type	Tab
Terminal & Splice Type	Tab



Quick Disconnect Terminal Orientation	Straight
Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Open

### Mechanical Attachment

Mating Retention Type	Locking Lance
Extraction Force	4.9 Newton
Locking Lance Height	1.2 mm
Wire Insulation Support	With

### Dimensions

Accepts Wire Insulation Diameter Range	2.16 – 3.43 mm [.085 – .135 in]
Overall Length	26.5 mm [1.04 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	.51 – 2.08 mm <sup>2</sup>
Quick Disconnect Mating Tab Width	6.35 mm [.25 in]
Quick Disconnect Mating Tab Thickness	.81 mm [.032 in]

### Usage Conditions

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

### Packaging Features

Packaging Quantity	4000
Quick Disconnect Packaging Method	Strip/Reel

### Other

Comment	With dimple
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### 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: JAN 2021 (211)



Candidate List Declared Against: JAN 2021  
(211)

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



REPRESENTATION ONLY

TE Part # 720725-1  
DAHT 250 FASTIN-ON TAB REC 18-14 ASSY



TE Part # 2-2150041-2  
OCEAN\_2.0\_Applicator-E-110F180F



TE Part # 2150041-2  
OCEAN\_2.0\_Applicator-E-110F180F



TE Part # 2819183-1  
.250 SERIES FASTIN FASTON REC.



TE Part # 284672-1  
FF 250 TAB PTBR



TE Part # 7-2150041-2  
OCEAN\_2.0\_Applicator-E-110F180F



KIT

TE Part # 7-2150041-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-110F180F



REPRESENTATION ONLY

CRIMPER

TE Part # 7-2150041-8  
OCEAN\_2.0\_OV\_CRIMPER\_OPTION-110F180OV

Also in the Series | **FASTIN-FASTON 250**



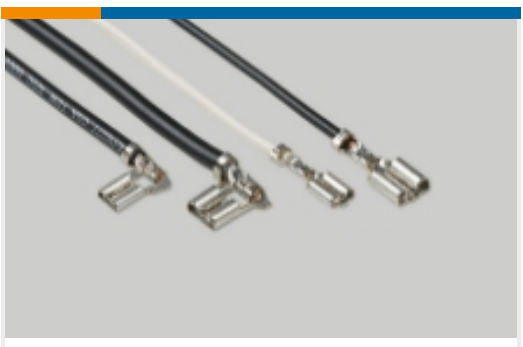
Crimp Terminal Housings(216)



Insertion & Extraction Tools(2)



PCB Terminals(2)

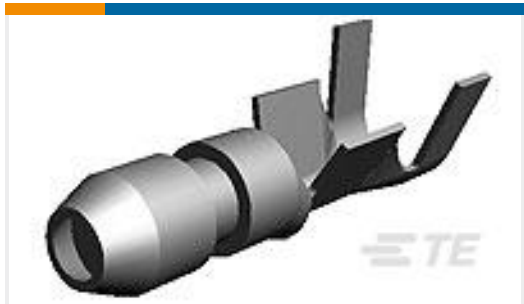


Quick Disconnects(258)

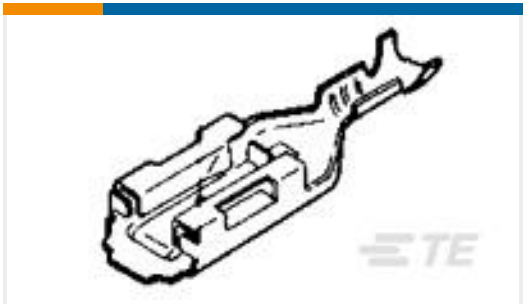
## Customers Also Bought



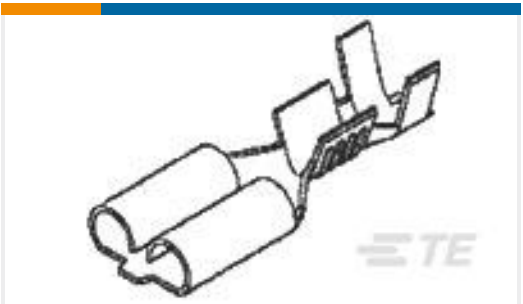
TE Part #170031-1  
FF 250 REC 20-14AWG BR



TE Part #170003-4  
SHUR PLUG 196 REC 20-14 MM2 TPBR



TE Part #170454-1  
PL 250 AUTOMOTIVE REC 18-14 0.40 X 21 BR



TE Part #170258-1  
FF 250 REC 14-12AWG BR REREELING



TE Part #1-1623925-1  
CFR100 5% 15R



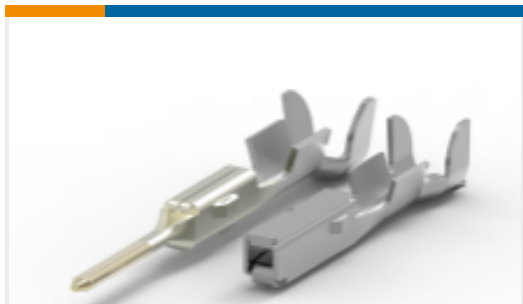
TE Part #1-180984-2  
FASTON 250 BOOT NYLON BLK



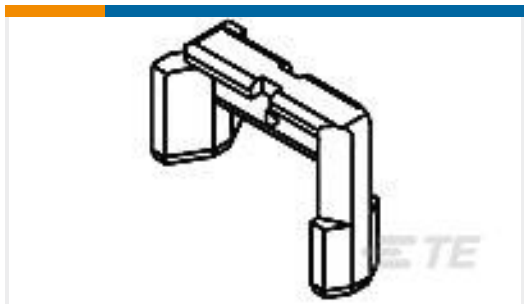
TE Part #1456471-2  
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #1326490-3  
TIMER, CONNECTOR HOUSING



TE Part #1565963-1  
MULTILOCK, RECEPTACLE AND TAB



TE Part #968183-1  
2.RETAINER

## Documents

### Product Drawings

[FF 250 TAB 20-14AWG BR](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_170030-1\\_S.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170030-1\\_S.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_170030-1\\_S.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

**Crimping of 250 Series Tab and Receptacle Contacts**

Japanese

**Application Specification**

Japanese

**Application Specification**

Japanese

**Crimping of 250 Series Tab and Receptacle Contacts**

Japanese

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### Product Environmental Compliance

**MD\_170030-1\_10082014141\_dmtec**

English

**MD\_170030-1\_10082014141\_dmtec**

English

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### Agency Approvals

**UL Report**

English