

170032-1 ✓ ACTIVE

FASTON | FASTON 250

TE Internal #: 170032-1

Quick Disconnect Receptacle, Uninsulated, 20 – 14 AWG, .5 – 2.5 mm<sup>2</sup> 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: .5 – 2.5 mm<sup>2</sup>

Mating Tab Width: 6.35 mm [.25 in]

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

## Features

### Product Type Features

Insertion Force	Normal
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### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Connection Capacity	Single
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### Contact Features

Quick Disconnect Terminal Type	Receptacle
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Mating Tab Width	6.35 mm [.25 in]
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Mating Tab Thickness	.81 mm [.032 in]
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Terminal Orientation	Straight
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Contact Base Material	Brass
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Terminal Plating Material	Unplated
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Crimp Type	F-Crimp
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Barrel Type	Open
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### Termination Features



Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

### Dimensions

Product Length	19.2 mm [.755 in]
Compatible Insulation Diameter Range	2.16 – 3.43 mm [.085 – .135 in]
Terminal Material Thickness	.33 mm [.013 in]
Wire Size	.5 – 2.5 mm <sup>2</sup>

### Usage Conditions

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

### Industry Standards

Compatible With Agency/Standards Products	UL
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### Packaging Features

Packaging Quantity	6000
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 # 174927-4  
070 MLC W-W PLUG HSG 15P GREEN



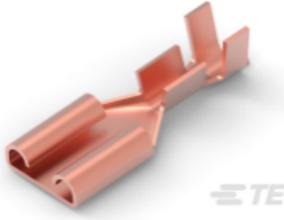
TE Part # 170304-2  
250 FASTON,REC.,22-18 AWG,BR



TE Part # 7-2150034-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-110F180F



TE Part # 724659-2  
EXT TOOL FOR POSITIVE .250



TE Part # 346697-3  
250 FASTON,REC.,20-16 AWG,PB



TE Part # 2150034-2  
OCEAN\_2.0\_APPLICATOR-E-110F180FA-REA



TE Part # 174926-5  
070 MLC W-W PLUG HSG 13P BLUE



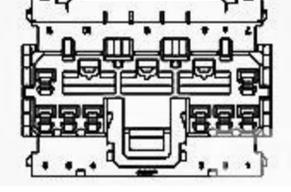
TE Part # 174925-2  
HOUSING, PLUG, 11 POSITION, .070



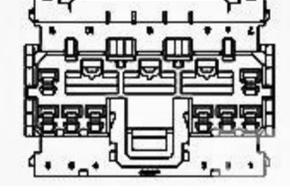
TE Part # 170304-1  
250 FASTON,REC.,22-18 AWG,BR



TE Part # 1-170032-6  
250 FASTON,REC.,20-14 AWG,BR



TE Part # 174925-4  
070 MLC W-W PLUG HSG 11P GREEN



TE Part # 174925-5  
070 MLC W-W PLUG HSG 11P BLUE



TE Part # 2150034-1  
OCEAN\_2.0\_APPLICATOR-E-110F180F-REM



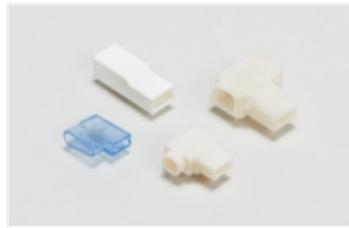
TE Part # CAT-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING



## Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(115)



Insertion & Extraction Tools(6)



Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)



PCB Terminals(133)

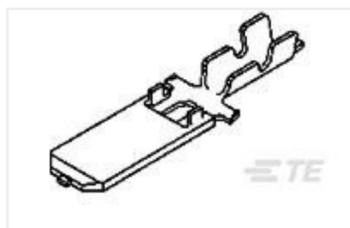


Quick Disconnects(418)

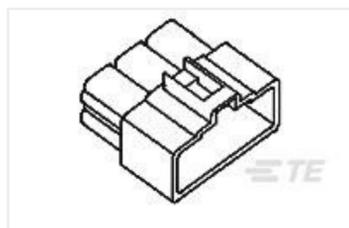


Splices(4)

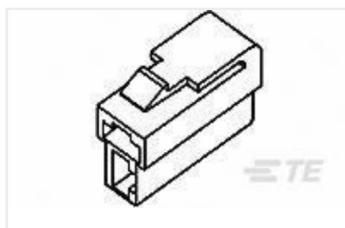
## Customers Also Bought



TE Part #170340-1  
FF 250 TAB 20-14AWG BR WITHOUT LATCH



TE Part #171897-1  
FF 250 REC HSG 6P NYLON NAT



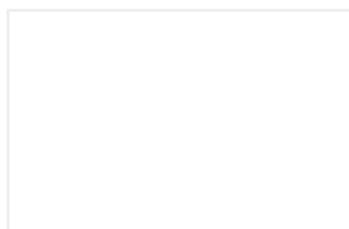
TE Part #172130-1  
FF 250 REC HSG 2P NYLON NAT



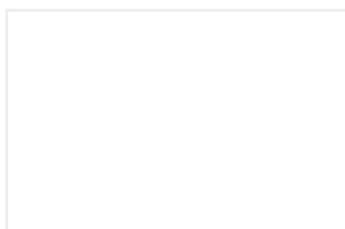
TE Part #CAT-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING



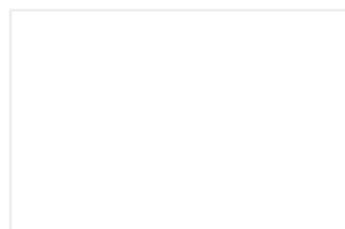
TE Part #3-1718643-4  
2POS, MCON 1.2 LL REC SEALED



TE Part #354002-2  
HOLDER, ANVIL



TE Part #354005-4  
BLADE, SHEAR



TE Part #1-936686-1  
UNDER COVER FOR BLM



TE Part #5-1897638-5  
C.E BOX ASSY-BLM F/L-1FAN,4PW, STD



## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_170032-1\\_AS.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170032-1\\_AS.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170032-1\\_AS.3d\\_stp.zip](#)

English

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

### 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

### Agency Approvals

[UL Report](#)

English