

170054-1 ✓ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

TE Internal #: 170054-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm<sup>2</sup> Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, FASTIN-FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.31 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

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

### 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	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Locking Lance Height	.79 mm
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Wire Insulation Support	With
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Mating Retention Type	Locking Lance
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### Dimensions

Terminal Material Thickness	.33 mm[.013 in]
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Product Length	20.5 mm[.807 in]
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Compatible Insulation Diameter Range	2.16 – 3.43 mm[.085 – .135 in]
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Wire Size	.51 – 1.31 mm <sup>2</sup>
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### Usage Conditions

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

Agency/Standard	CSA, UL
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### Packaging Features

Packaging Quantity	1000
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Packaging Method	Loose Piece/Carton
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### Other

Terminals & Splices Comment	With lance.
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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 # 968864-2  
2 POS. FASTON HOUSING




TE Part # 934678-1  
DAHT 250 REC 20-14 ASSY


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




Crimp Terminal Housings(211)



Insertion & Extraction Tools(2)



PCB Terminals(2)



Quick Disconnects(254)

### Customers Also Bought



TE Part #1376009-1  
DYNAMIC D2100 HDR H ASSY 8P X



TE Part #DT06-3S-PP01  
PLG, 3P, BLK, SEAL RET, 120 OHM RESISTOR



TE Part #282080-3  
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #175284-2  
DYNAMIC D-3 TAB CONT. S AU 0.38



TE Part #1747443-6  
DYNAMIC D-5 TAB CONTACT\_L-SIZE



TE Part #3-1625931-1  
MCU 10K 10% 1\*PL



TE Part #1565994-3  
RITS HDR ASSY R/A SMT TYPE 3P  
WITH BOSS



TE Part #1-1734028-1  
Std USB, Type A, Plug, Natural



TE Part #1318614-1  
040-3 HD 86P CAP ASSY

## Documents

### Product Drawings

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

Japanese

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_170054-1\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170054-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170054-1\\_O.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

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