

42563-2 ✓ ACTIVE

FASTON | FASTON 250

TE Internal #: 42563-2

Receptacle, 12 – 10 AWG Wire Size, 3.31 – 5.26 mm<sup>2</sup> Wire Size,  
Mating Tab Width 6.35 mm [.25 in], Flag, Brass, FASTON 250, Quick  
Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **3.31 – 5.26 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
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Compatible With Wire & Cable Type	Discrete Wire
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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	Flag
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Contact Base Material	Brass
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Terminal Plating Material	Tin
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Crimp Type	Tab-Lok
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Barrel Type	Open
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### Termination Features



Product Terminates To	Wire & Cable
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### Mechanical Attachment

	.04 in
Extraction Force	24.5 Newton
Wire Insulation Support	With
Mating Retention Type	Dimple

### Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	17.02 mm[.67 in]
Compatible Insulation Diameter Range	2.79 – 5.33 mm[.11 – .21 in]
Wire Size	3.31 – 5.26 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	CSA, UL
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### Packaging Features

Packaging Quantity	4000
Packaging Method	Strip/Reel

### Other

Line	Premier
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



TE Part # 62056-4  
250 FASTON FLAG REC 18-12 AWG  
TPBR



TE Part # 61187-1  
250 FASTON FLAG REC 12-10 AWG  
PHBZ



TE Part # 62056-3  
250 FASTON FLAG REC 18-12 AWG  
TPBR



TE Part # 1855521-1  
HDM/FA/HB EMPO200TL220O LM  
CUT




TE Part # 687388-6  
MHB 9EAPR200T220O G




TE Part # 565505-2  
STD HBEMPR200T220OK


### Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(132)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(134)

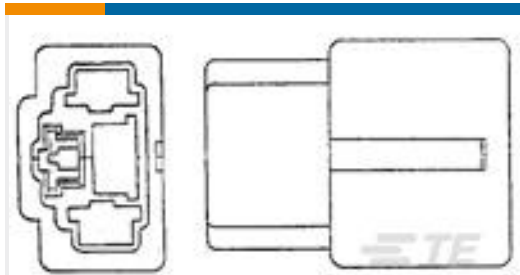


Quick Disconnects(426)



Splices(4)

### Customers Also Bought



TE Part #176773-5  
FF 250 CAP HSG 3P NYLON NAT



TE Part #42563-8  
250 FASTON FLAG REC 12-10 AWG TPBZ



TE Part #175150-1  
UNIVERSAL POWER CONN TAB



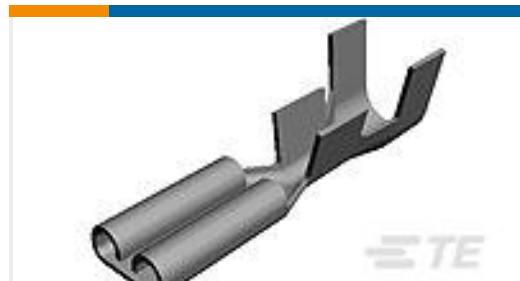
TE Part #175057-2  
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part #170183-2  
250 FASTON,REC.,22-18 AWG,TPBR



TE Part #175178-1  
PL EX 250 REC TERMINAL-FLAG 12-10 PTPB



TE Part #170213-2  
250 FASTON,REC.,18-14 AWG,TPBR



TE Part #175024-1  
250 PL EX REC. 15-10AWG PTBR



TE Part #2129276-1  
PLUG ASSY 0.6mm CHAMP DOCKING

### Documents

#### Product Drawings

[250 FASTON FLAG REC 12-10 AWG TPBR](#)

English

#### CAD Files

[3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_42563-2\\_DA.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_42563-2\\_DA.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_42563-2\\_DA.3d\\_stp.zip](#)

English

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## Product Specifications

[Engineering Report](#)

English

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## Agency Approvals

[UL Report](#)

English

[UL Report](#)

English