

42663-2 ✓ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 250

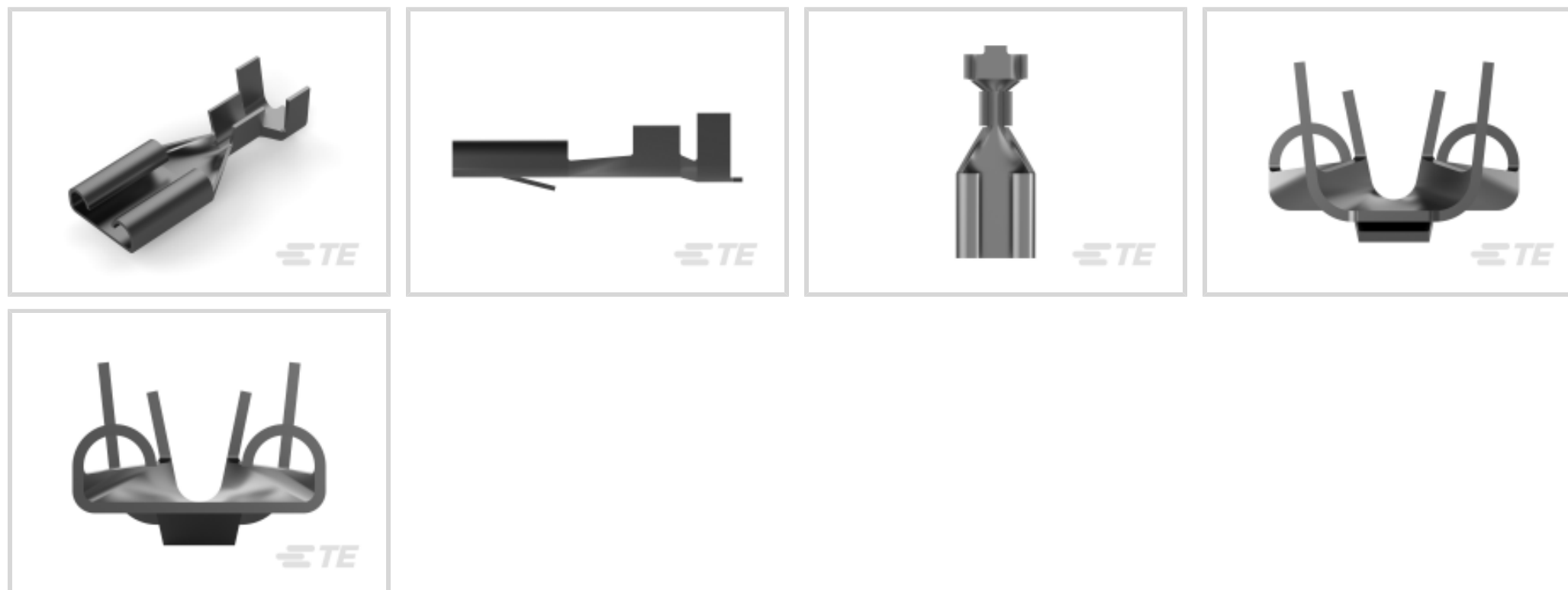
TE Internal #: 42663-2

Quick Disconnects, Receptacle, 16 – 12 AWG Wire Size, 1.31 – 3.31 mm² Wire Size, Mating Tab Width .312 in [7.92 mm], Straight, FASTIN-FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: 1.31 – 3.31 mm²

Mating Tab Width: 7.92 mm [.312 in]

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

Features

Product Type Features

Terminates To	Wire & Cable
Wire/Cable Type	Regular Wire
Insertion Force	Normal
Sealable	No

Configuration Features

Connection Capacity	Single
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Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	7.92 mm[.312 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



Mechanical Attachment

Mating Retention Type	Locking Lance
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	3.3 – 4.57 mm [.13 – .18 in]
Overall Length	23.24 mm [.915 in]
Receptacle Terminal Stock Thickness	.41 mm [.016 in]
Wire Size	1.31 – 3.31 mm ²

Usage Conditions

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

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 60249-2
FF 250 REC 16-12AWG TPBR



TE Part # 42904-2
FF 250 REC TERMINAL 16-12 AWG TPBR



TE Part # 180373-2
FF 312 REC 1-2.5MM2 TPBR



TE Part # 62891-1
FF 250 REC 16-12AWG TPBR



TE Part # 1-180453-2
FF 312 REC 1-2.5MM2



TE Part # 160557-2
FF 312 REC TERMINAL 20-15 AWG TPBR



TE Part # 160557-4
FF 312 REC 0.5-1.5MM2 TPPB



TE Part # 160920-4
FF 312 REC 2.5-4MM2 TPPB

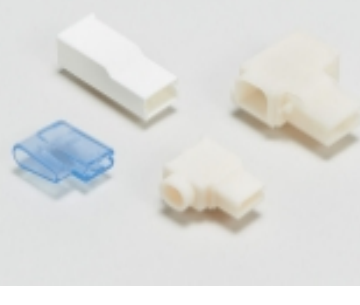


TE Part # 170191-3
FF 312 REC 18-14AWG TPBR REREELING




TE Part # 63813-1
FF 312 REC 16-12AWG TPBR


Also in the Series | FASTIN-FASTON 250



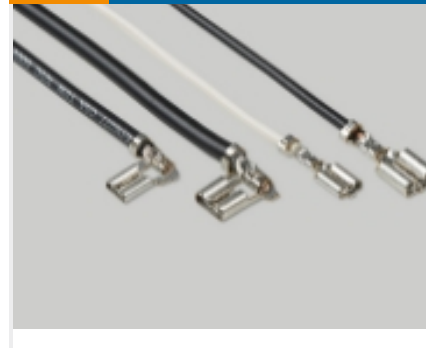
Crimp Terminal Housings(218)



Insertion & Extraction Tools(2)



PCB Terminals(2)



Quick Disconnects(255)

Documents

[Product Drawings](#)



FF 312 REC 16-12AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_42663-2_AD_c-42663-2-ad.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42663-2_AD_c-42663-2-ad.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42663-2_AD_c-42663-2-ad.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

English

[FASTIN-FASTON 110, 187, 205 And 312 Series Receptacle Contacts](#)

English

Agency Approvals

UL

English