



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 - 1.31 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

Insertion Force	Low
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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	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	16.07 mm[.633 in]
Compatible Insulation Diameter Range	2.29 - 3.3 mm[.09 - .13 in]
Wire Size	.51 - 1.31 mm²

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	500
Packaging Method	Loose Piece/Carton

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 61045-2
FASTON .187 SERIES (4.8 MM) TPBR

TE Part # 170141-2
187 FASTON, FLAG, REC., 20-16 AWG, TPBR

TE Part # 91509-1
CCII FASTON 187 REC 20-16 ASSY

Also in the Series | FASTON 187

Crimp Terminal Housings(41)

Insertion & Extraction Tools(1)

Joints & Splices(1)

PCB Terminals(42)

Quick Disconnects(208)

Splices(1)

Customers Also Bought



TE Part # 3-641216-8
08P MTA100 HDR ASSY FL/RA LF

TE Part # 60878-2
250 FASTON REC 22-18 AWG TPBR

TE Part # 42214-2
250 FASTON TAB TPBR

TE Part # 42660-2
250 FASTON REC 18-14 AWG TPBR

TE Part # 2-1437653-5
6PCV-09-006=6PCV ASSEMBLY

TE Part # 9-1437657-8
8PCV-06-006=#8 TRIBARRIER

TE Part # 1-1825059-7
ADF04ST04=DIP SWT,FLUSH,SMT-GW

TE Part # 5-1625885-2
1W SM M/OX 5% 27R

TE Part # 1-735075-0
250 FASTON INS POST,REC.,1 POS

TE Part # 2267473-4
SIZE 13 PERIPHERAL SEAL, CPC

Documents

Product Drawings

187 FASTON REC 20-16 AWG TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_42566-2_U.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42566-2_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42566-2_U.3d_stp.zip

English

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

Datasheets & Catalog Pages



FASTIN_FASTON_Product_Line

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Hand Crimping Tool 90180-2

English

Agency Approvals

Agency Approval Document

English