42025-1 ✔ ACTIVE

FASTON | FASTON 250

TE Internal #: 42025-1

Quick Disconnects, Receptacle, 18 – 16 AWG Wire Size, .82 – 1.31 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 1.31 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

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

Features

Product Type Features

Insertion Force	Low

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	Phosphor Bronze
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.43 mm[.017 in]
Product Length	20.44 mm[.805 in]
Compatible Insulation Diameter Range	3.05 – 3.68 mm[.12 – .145 in]
Wire Size	.82 – 1.31 mm²

Usage Conditions

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

Industry Standards

Agency/Standard	CSA, UL

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

Other

Line	Premier
Terminals & Splices Comment	Barrels Pre-crimped

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

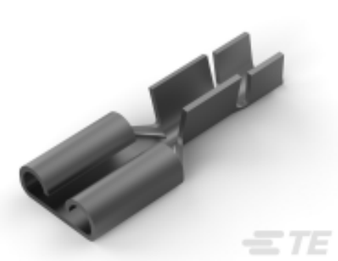
TE Part # 90165-1
DAHT 250 FASTON REC 18-14 ASSY

TE Part # 42025-4
250 FASTON REC 18-16 AWG TPBR

TE Part # 5-160563-2
250 FASTON REC 18-16 AWG TPBR

TE Part # 2217483-2
KIT, BTLI, DOUBLE ACTION HEAD

TE Part # 2217483-1
KIT, BTLI, DOUBLE ACTION HEAD



TE Part # 61873-1
250 FASTON REC 18-14 AWG TPBR

Also in the Series | FASTON 250

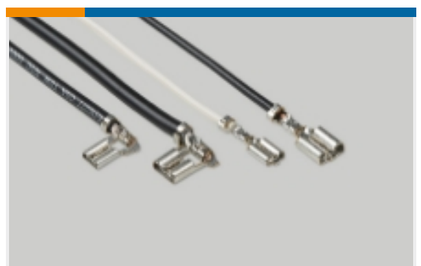
Compression Connectors(4)

Crimp Terminal Housings(142)

Insertion & Extraction Tools(6)

Magnet Wire Terminals(1)

PCB Terminals(135)



Quick Disconnects(445)

Splices(4)

Customers Also Bought

TE Part #1-1318114-3
DYNAMIC D-2100 TAB HSG 6P P/M

TE Part #34118
SOLIS SPD 22-16COMM22-18MIL 10

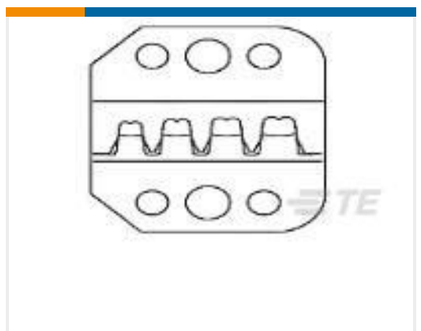
TE Part #9-1437624-4
PKS1103B101/4=KNOB PLSTC AL/SK

TE Part #51864-2
TERMINAL,PIDG R 16-14 10

TE Part #2174022-1
D5000 TAB CONT L LONG L/P Ag

TE Part #34121
TERMINAL,SOLIS R 16-14 6

TE Part #2238200-3
187 FASTON,FLAG,REC.,20-16 AWG, PTBR



TE Part #58525-2
PROCRIMPER DIE

TE Part #EG8792-000
400R0111-16-0

Documents

Product Drawings

250 FASTON REC 18-14 AWG TPBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_42025-1_AG.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_42025-1_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_42025-1_AG.3d_stp.zip

English

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Datasheets & Catalog Pages

FASTIN_FASTON_Product_Line

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English