

42025-1 ✓ ACTIVE

FASTON | FASTON 250

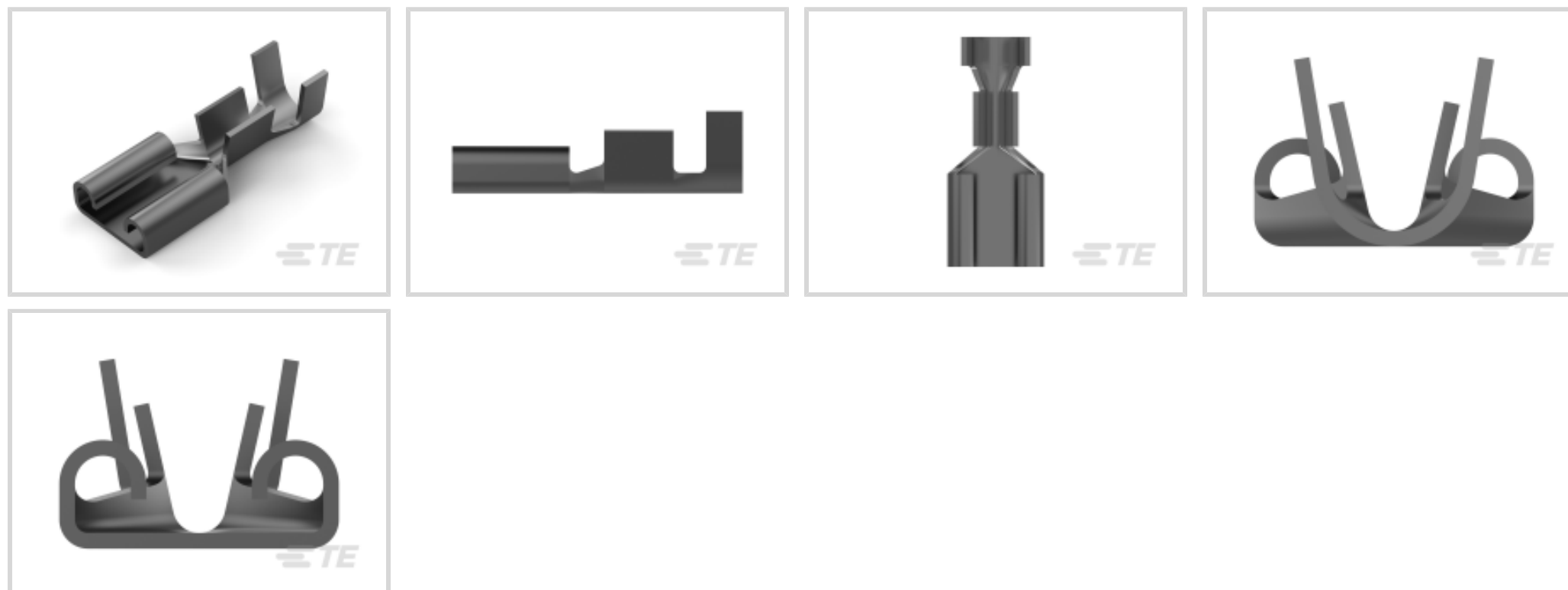
TE Internal #: 42025-1

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

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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

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

Configuration Features

Connection Capacity	Single
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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
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Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	3.05 – 3.68 mm [.12 – .145 in]
Receptacle Terminal Stock Thickness	.43 mm [.017 in]
Overall Length	20.44 mm [.805 in]
Wire Size	.82 – 1.31 mm ²

Usage Conditions

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

Industry Standards

CSA Certified	Yes
UL Rating	Listed

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

Other

Line	Premier
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: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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

REPRESENTATION ONLY

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(143)

Insertion & Extraction Tools(6)

Magnet Wire Terminals(1)



PCB Terminals(144)



Quick Disconnects(456)



Splices(4)

Customers Also Bought

TE Part #316092-1
2.5 SIGNAL D/LOCK CAP HSG 8PTE Part #917764-1
2.5 SIGNAL D/LOCK TAB CONT. LTE Part #2-1617030-7
HFW1201G01M = M39016/6-116MTE Part #1-480683-0
02P CMNL PLUG HSG F/H NATLTE Part #34118
SOLIS SPD 22-16COMM22-18MIL 10TE Part #643407-1
06P UMNL PIN HDR ASSY POL NATLTE Part #641963-1
02P UMNL PIN HDR ASSY POL NATLTE Part #1-770834-0
MINI UMNL SOK AU LFTE Part #34121
TERMINAL,SOLIS R 16-14 6

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

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

[Application Specification](#)

English

[Wire Preparation And Crimp Inspection Guide](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English