



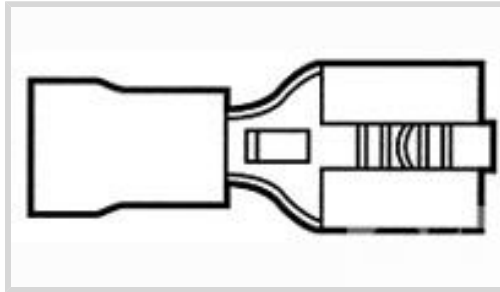
FASTON | FASTON 250

TE Part # 8-640905-1

TE Internal #: 8-640905-1

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: 2050 – 5180 CMA

Mating Tab Width: 6.35 mm [.25 in]

Features

Product Type Features

Wire Stop	Yes
Terminates To	Wire & Cable
Insertion Force	Normal
Sealable	No
Insulated	Yes

Electrical Characteristics

Voltage (Max)	300 V
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Body Features

Insulation Material	Nylon
Fully Insulated	No
Plating Material	Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Terminal Orientation	Straight
Contact Base Material	Brass
Crimp Type	Compression
Barrel Type	Closed

Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With



Dimensions

Accepts Wire Insulation Diameter Range	4.32 mm[.17 in]
Overall Length	22.9 mm[.9 in]
Receptacle Terminal Stock Thickness	.46 mm[.018 in]
Wire Size	2050 – 5180 CMA
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]

Usage Conditions

Operating Temperature Range	105 °C[221 °F]
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Industry Standards

RU (UL Component Program)	Approved
CSA Certified	Yes

Packaging Features

Packaging Quantity	100
Packaging Method	Loose Piece

Other

Barrel Color	Blue
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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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 58423-1
DIE, RBY IS9252



TE Part # 90009-8
DAHT PIDG FASTON



TE Part # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 47387-7
16-14 PIDG D.A.H.T. ASSY



TE Part # 59824-1
TETRA-CRIMP HT ASSY

Also in the Series | FASTON 250




Crimp Terminal Housings
(125)



Insulation Boots & Sleeves
(16)



Magnet Wire Terminals(1)



PCB Terminals(140)

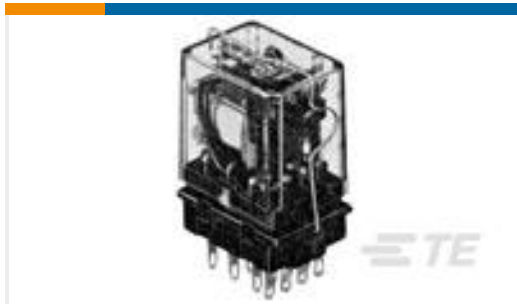


Quick Disconnects(464)



Splices(4)

Customers Also Bought



TE Part #4-1393159-3
20C297=HOLD DOWN
SPRING PER PR



TE Part #8-640903-1
RECEPT,PIDG FASTON 22-
18 250



TE Part #8-640917-1
RECEPT,PIDG FASTON 22-
18 187



TE Part #2-1437567-9
MPA106F=SWITCH P/B
MOM SPDT



TE Part #8-640919-1
RECEPT,PIDG FASTON 16-
14 187

Documents

Product Drawings

[RECEPT,PIDG FASTON 16-14 250](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_8-640905-1_N1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-640905-1_N1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_8-640905-1_N1.3d_igs.zip](#)

English



Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

CSA Certificate

English