

FASTON | FASTON 250

TE Internal #: 640903-2

FASTON 250, Quick Disconnects, Receptacle, 22 – 18 AWG, .26 – .

96 mm², 509 – 1900 CMA, Mating Tab Width 6.35 mm [.25 in]

View on TE.com >



Terminals & Splices > Quick Disconnects



Terminal & Splice Type: Receptacle

Wire Size: **509 – 1900 CMA**

Mating Tab Width: 6.35 mm [.25 in]

Features

Product Type Features

Troduct Type reatures	
Wire Stop	Yes
Terminates To	Wire & Cable
Insertion Force	Normal
Sealable	No
Insulated	Yes
Electrical Characteristics	
Voltage (Max)	300 V
Body Features	
Insulation Material	Nylon
Fully Insulated	No
Plating Material	Tin
Contact Features	
Terminal Type	Receptacle

Terminal Type	Receptacie
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	3.56 mm[.14 in]
Overall Length	22.86 mm[.9 in]
Receptacle Terminal Stock Thickness	.46 mm[.018 in]
Wire Size	509 – 1900 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]
Industry Standards	
RU (UL Component Program)	Approved
CSA Certified	Yes
Packaging Features	
Packaging Quantity	4000
Packaging Method	Tape Mounted
Other	

Product Compliance

Barrel Color

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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Red



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 Model / Part # 58423-1 DIE, RBY IS9252



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



DOUBLE ACTION HAND TOOL PREM.



Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(133)



Magnet Wire Terminals(1)



PCB Terminals(142)



Quick Disconnects(459)



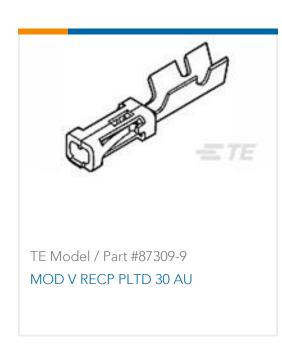
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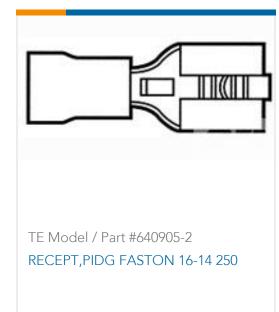


Customers Also Bought













Documents

Product Drawings

RECEPT, PIDG FASTON 22-18 250

English

CAD Files

Customer View Model

ENG_CVM_640903-2_J1.2d_dxf.zip

English

Customer View Model

ENG_CVM_640903-2_J1.3d_igs.zip

English

Customer View Model

ENG_CVM_640903-2_J1.3d_stp.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

PIDG_FASTON

English

Ultra-Fast and Ultra Fast Plus

English

Product Specifications

Application Specification



English

Product Environmental Compliance

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Agency Approvals

UL Report

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