



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

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
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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]
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Industry Standards

RU (UL Component Program)	Approved
CSA Certified	Yes

Packaging Features

Packaging Quantity	4000
Packaging Method	Tape Mounted

Other

Barrel Color	Red
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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 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.



Solder Process Capability	Not applicable for solder process capability
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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	TE Model / Part # 90035-3 DOUBLE ACTION HAND TOOL PREM.	TE Model / Part # 47386-4 22-16 PIDG D.A.H.T ASSY ***PL

Also in the Series | FASTON 250

Compression Connectors(4)	Crimp Terminal Housings(133)	Magnet Wire Terminals(1)	PCB Terminals(142)
Quick Disconnects(459)	Splices(4)		



Customers Also Bought

TE Model / Part #640907-2  
RECEPT,PIDG FASTON 12-10 250

TE Model / Part #640917-2  
RECEPT,PIDG FASTON 22-18 187

TE Model / Part #87309-9  
MOD V RECP PLTD 30 AU

TE Model / Part #640905-2  
RECEPT,PIDG FASTON 16-14 250

TE Model / Part #87809-1  
MOD V RECP PLTD 30 AU

TE Model / Part #641294-2  
MR RECPT 26-18 AUNI/AUPHBZ

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

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Datasheets & Catalog Pages

PIDG\_FASTON

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Ultra-Fast and Ultra Fast Plus

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Product Specifications

Application Specification



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Product Environmental Compliance

[MD\\_640903-2\\_05042018824\\_dmtec](#)

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Agency Approvals

[UL Report](#)

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