

8-640905-1 ✓ ACTIVE

FASTON | FASTON 250

TE Internal #: 8-640905-1

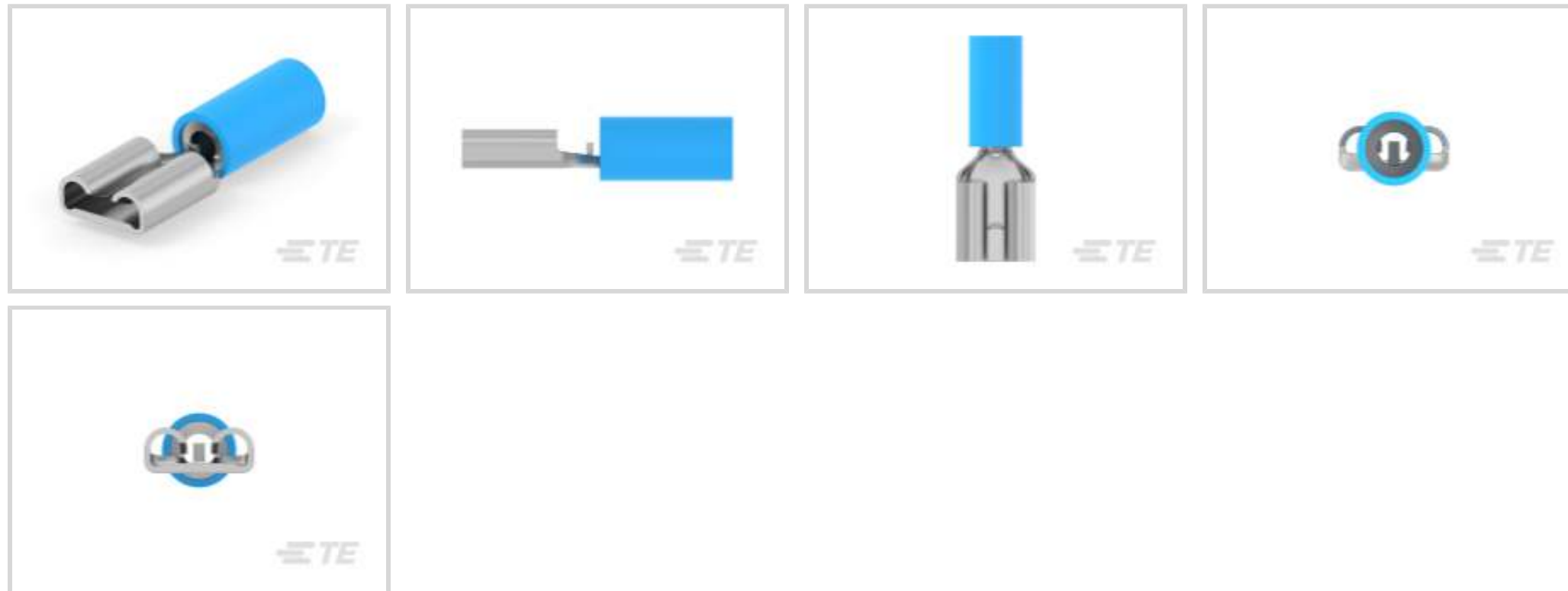
Quick Disconnects, Receptacle, 16 – 14 AWG Wire Size, 1.04 – 2.62

mm² Wire Size, 2050 – 5180 CMA Wire Size, FASTON 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **2050 – 5180 CMA**

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

Features

Product Type Features

Terminal Features	Wire Stop
Insertion Force	Normal

Electrical Characteristics

Voltage Rating	300 V
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Body Features

Insulation Material	Nylon
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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	Brass
Terminal Plating Material	Tin
Crimp Type	Compression
Barrel Type	Closed

Termination Features



Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
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Mating Retention Type	Dimple
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Dimensions

Terminal Material Thickness	.46 mm[.018 in]
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Product Length	22.9 mm[.9 in]
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Compatible Insulation Diameter Range	4.32 mm[.17 in]
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Wire Size	2050 – 5180 CMA
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Usage Conditions

Insulation Option	Partially Insulated
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Operating Temperature Range	105 °C[221 °F]
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Industry Standards

Agency/Standard	CSA, RU (UL Component Program)
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Packaging Features

Packaging Quantity	100
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Packaging Method	Loose Piece
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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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 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 # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 58423-1
DIE, RBY IS9252



TE Part # 47387-7
DAHT PG PIDG 16-12 ASSY



TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 90009-8
DAHT PIDG FASTON 16-14 ASSY




TE Part # 1SET191001R0000
CRIMP-HT




TE Part # 1SET191002R0000
TET CRIMP-HT


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 #5050871-1
SOCKET,MIN-SPR W/H SN-AU SER-5



TE Part #3-1393250-8
W28-XQ1A-5=W28-



TE Part #34124
TERMINAL,SOLIS R 16-14 1/4



TE Part #1-330518-2
TERMINAL,PG R 12-10 10



TE Part #6-1393114-5
KUHP-11AT1-120=KU



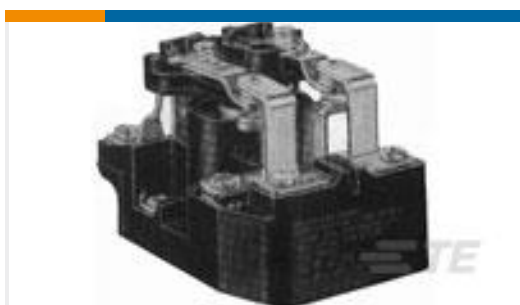
TE Part #4-1393144-2
K10P-11A15-240=K10/K20



TE Part #3-1393115-5
KUL-11D15S-24=KU



TE Part #41484
250 FASTON TAB TPBR



TE Part #1-1393127-6
PRD-11AH0-120=PRD



TE Part #8-640907-1
RECEPT,PIDG FASTON 12-10 250

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

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

Customer View Model

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

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_8-640905-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-640905-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-640905-1_N.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_8-640905-1_09182013235_dmtec](#)

English

[MD_8-640905-1_09182013235_dmtec](#)

English

Agency Approvals

[CSA Certificate](#)

English