

170224-2 ✓ ACTIVE

FASTON | FASTON 250

TE Internal #: 170224-2

Quick Disconnects, Receptacle, 15 – 10 AWG Wire Size, 1.65 – 5.26 mm² Wire Size, Mating Tab Width 6.35 mm [.25 in], Straight, Brass, FASTON 250

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Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: 1.65 – 5.26 mm²

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .81 mm [.032 in]

Features

Product Type Features

Insertion Force	Normal
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Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

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	F-Crimp
Barrel Type	Open

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Extraction Force	24.5 Newton
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Wire Insulation Support	With
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Mating Retention Type	Dimple
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Dimensions

Terminal Material Thickness	.43 mm[.017 in]
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Product Length	19.6 mm[.771 in]
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Compatible Insulation Diameter Range	3 – 5 mm[.118 – .197 in]
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Wire Size	1.65 – 5.26 mm ²
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Industry Standards

Agency/Standard	CSA, UL
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Packaging Features

Packaging Quantity	4000
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Packaging Method	Strip/Reel
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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 # 2232112-1
250 FASTON,REC.,18-14 AWG,TPBR



TE Part # 2232247-1
250 FASTON,REC.,16-10 AWG,BR



TE Part # 2-2150540-1
OC-PA-E-FM-150F220F-001-0054



TE Part # 2-2150540-2
OC-PA-E-FA-150F220F-001-0054



TE Part # 2150540-1
OC-AT-E-FM-150F220F-001-0054




TE Part # 2150540-2
OC-AT-E-FA-150F220F-001-0054



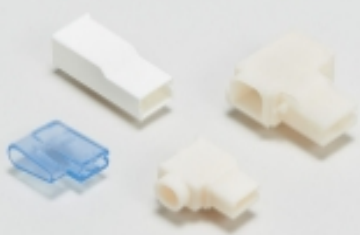
KIT
REPRESENTATION ONLY

TE Part # 7-2150540-7
OCEAN-150F220F-CRIMPTOOLINGKIT


Also in the Series | FASTON 250



Compression Connectors(4)



Crimp Terminal Housings(142)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(1)



PCB Terminals(135)

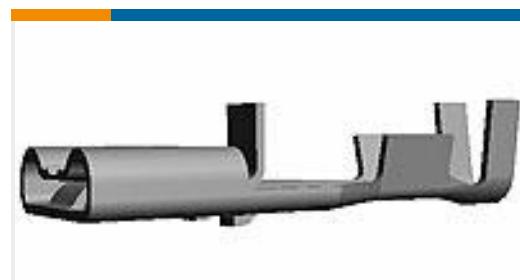
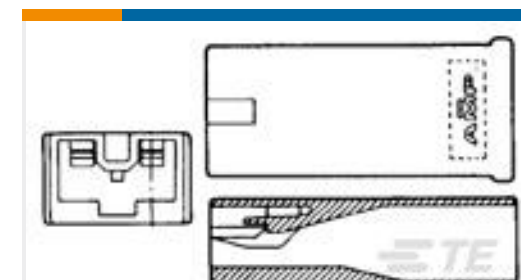


Quick Disconnects(445)



Splices(4)

Customers Also Bought

TE Part #177899-6
POWER DBL LOCK PLUG HSG 3PTE Part #170183-1
250 FASTON,REC.,22-18 AWG,BRTE Part #179975-1
250 PL EX REC. 15-10AWG TPBRTE Part #42563-2
250 FASTON FLAG REC 12-10 AWG
TPBRTE Part #179973-1
250 PL EX REC. 22-18AWG TPBRTE Part #170328-1
250 PL MKII REC. 18-14AWG TPBRTE Part #41802
250 FASTON FLAG REC 18-12 AWG
TPBRTE Part #179970-6
PL EXII 250 REC HSG 1P NYLON BLUE
TPBRTE Part #284406-3
CLUSTER BLOCK HSG .090 DIA. RETE Part #2429931-2
RING,M4, DIA 4.3,14-18 AWG,TPBR

Documents

Product Drawings

250 FASTON,REC.,16-10 AWG,BR

English

CAD Files

Customer View Model

ENG_CVM_CVM_170224-2_J.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_170224-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170224-2_J.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

Japanese

[CRIMPING OF .250 SERIES FASTON RECEPTACLE](#)

Japanese

[Application Specification](#)

English

[CRIMPING OF .250 SERIES FASTON RECEPTACLE](#)

English

[250 SERIES FASTON RECEPTACLE](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English

Agency Approvals

[Agency Approval Document](#)

English