

175024-1 ✓ ACTIVE

Positive Lock | Positive Lock 250

TE Internal #: 175024-1

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, Positive Lock 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

Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Voltage Rating	250 V
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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	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features



Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	21.2 mm[.834 in]
Compatible Insulation Diameter Range	3 – 5.1 mm[.118 – .2 in]
Wire Size	1.65 – 5.26 mm ²

Usage Conditions

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

Packaging Features

Packaging Quantity	4000
Packaging Method	Strip/Reel

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 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 # 2232343-1
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part # 2391865-1
POSITIVE LOCK 250 (6.3 MM) SLEEVE



TE Part # 2391865-2
250 sleeve PL YELLOW transparent



TE Part # 175022-2
250 POSITIVE REC EX MK-2



TE Part # 2150062-2
OCEAN_2.0_Applicator-E-150F220F



TE Part # 2232343-2
250 PL EX FLAG REC. 18-12AWG PTBR FLAT



TE Part # 2376579-2
250 FASTON PCB TAB TPBR



TE Part # 2376582-2
250 FASTON PCB TAB TPBR



TE Part # 2376591-2
250 FASTON PCB TAB TPBR



TE Part # 2376595-2
250 FASTON PCB TAB TPBR



TE Part # 7-2150062-2
OCEAN_2.0_Applicator-E-150F220F



TE Part # 7-2150062-7
OCEAN_2.0_SPARE_PART_KIT-150F220F



TE Part # 2-2150062-2
OCEAN_2.0_Applicator-E-150F220F

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(193)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Quick Disconnects(186)

Customers Also Bought



TE Part #1-1123823-1
EP IP PLUG NATURAL



TE Part #175057-1
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part #1-2337216-3
RAIN-SKIRT, LUMAWISE
ENDURANCE S, DK GRY



TE Part #42041
250 FASTON FLAG REC 18-12 AWG
SPBZ



TE Part #3-1123823-1
EP IP PLUG BLUE



TE Part #2237067-3
24POS,TAB0.64X0.64,HDR ASSY,90
DEG,SMD



TE Part #2237067-4
24POS,TAB0.64X0.64,HDR ASSY,90
DEG,SMD



TE Part #2291173-1
025 SMD 12P CAP ASSEMBLY H-TYPE
DEG,SMD

Documents

Product Drawings

[250 PL EX REC. 15-10AWG PTBR](#)

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_175024-1_G2.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_CVM_175024-1_G2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_175024-1_G2.2d_dxf.zip](#)

English

3D PDF

3D

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

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

POSITIVE LOCK EX CONTACT

English

Agency Approvals

[Agency Approval Document](#)

English