



Positive Lock | Positive Lock 250

TE Internal #: 176497-1

Receptacle, Receptacle, 1 Position, Flag, UL 94V-2, Natural, Nylon 6 /6, Contact Mating Retention, Positive Lock 250, Crimp Terminal Housings

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Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Crimp Terminal Housings



Terminal Type: **Receptacle**
Connector & Housing Type: **Receptacle**
Number of Positions: **1**
Terminal Orientation: **Flag**
UL Flammability Rating: **UL 94V-2**

Features

Contact Features

Terminal Type	Receptacle
Terminal Orientation	Flag
Contact Mating Retention	With

Product Type Features

Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable
Sealable	No
Connector System	Wire-to-Wire

Configuration Features

Number of Positions	1
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Industry Standards

UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire



Body Features

Primary Product Color	Natural
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Housing Features

Housing Material	Nylon 6/6
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Mechanical Attachment

Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention Type	Positive Lock

Packaging Features

Packaging Method	Carton
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 175178-1
PL EX 250 REC TERMINAL-FLAG 12-10 PTPB

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

TE Part # 2013799-1
250 HSG. PL EX REC. BLACK

TE Part # 1743643-1
Pos Lock 250 Rec Flag Hsg 2P Nat

TE Part # 1743643-6
Pos Lock 250 Rec Flag Hsg 2P Blu

TE Part # 1743643-9
Pos Lock 250 Rec Flag Hsg 2P Blk

Also in the Series | Positive Lock 250

Automotive Terminals(1)

Crimp Terminal Housings(190)

Insertion & Extraction Tools(3)

Insulation Boots & Sleeves(4)

Quick Disconnects(185)

Customers Also Bought



TE Part #1903392-1
GIC 2.5 W CAP HSG 3P NATURAL

TE Part #1-174260-1
ECONO-J MK-2 LOCK PLATE CAP 4P

TE Part #1747995-2
GHC EYELET 6.2 3POS PLUG HOUSING RED

TE Part #ZPF000000000100854
DMC-MD 20 B

TE Part #176774-5
FF 250 PLUG HSG 3P NYLON NAT

TE Part #1-172131-1
FF 250 CAP HSG 3P NYLON NAT

TE Part #1747995-3
GHC EYELET 6.2 3POS PLUG HOUSING BLUE

TE Part #1803019-7
CRIMPER, INSULATION O

TE Part #1803293-6
ANVIL, COMBINATION DEUTCH STYLE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_176497-1_M5.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_176497-1_M5.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_176497-1_M5.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals



[UL Report](#)

English

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