

171809-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 250](#)

TE Internal #: 171809-1

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

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



Terminal Type: **Receptacle**

Housing Type: **Receptacle**

Number of Positions: **1**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

Terminates To	Wire & Cable
Product Type	Terminal Housing
Sealable	No
Connector System	Wire-to-Board, Wire-to-Wire
Housing Type	Receptacle
Insulated	No

Configuration Features

Number of Positions	1
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Body Features

Primary Product Color	Natural
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Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With



Mechanical Attachment

Mating Alignment Type	Polarization
Mating Alignment	With
Crimp Terminal Housing Mounting Style	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon
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Usage Conditions

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

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	100
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 170265-2
PL 250 REC 12-10 AWG 0.406 X 42.3



TE Part # 170267-1
250 FASTON,PCB TAB,TCBR



TE Part # 170233-2
POSITIVE LOCK 250 REC 0.5-2.27
MM2 TPBR



TE Part # 170233-1
PL 250 REC 0.5-2.27 MM2 BR



TE Part # 170234-1
POSITIVE LOCK RECP



TE Part # 170234-2
PL 250 REC 12-10 AWG 0.406 X 42.3



TE Part # 170265-1
PL 250 REC 12-10 AWG 0.406 X 42.3 BR



TE Part # 170266-2
POSITIVE LOCK RECEPTACLE
ELECTRO TPBR



TE Part # 919147-1
EXTRACTION TOOL



TE Part # 172863-1
250 POSITIVE DBL LOCK 1P




TE Part # 172863-8
250 P.LOCK MK-II 1P HSG RED




TE Part # 172864-1
250 POSITIVE DBL LOCK 2P NATUR


Also in the Series | Positive Lock 250



Automotive Terminals(1)



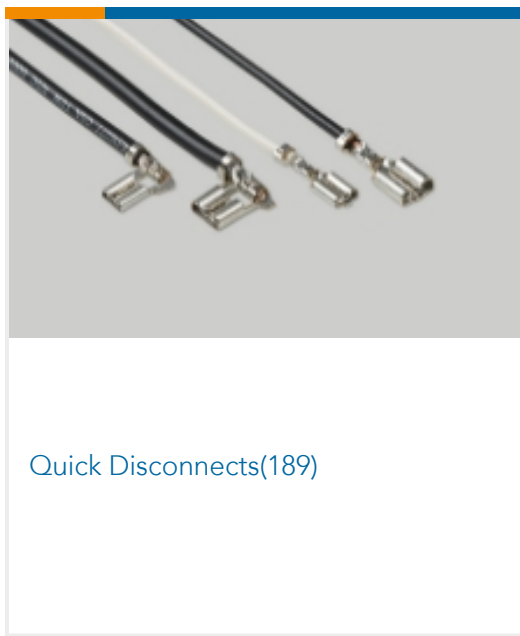
Crimp Terminal Housings(202)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Documents

Product Drawings

[POSITIVE LOCK \(PL\) HOUSING](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_171809-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_171809-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_171809-1_G.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

[1-Position, Positive Lock Connector](#)

English

Product Environmental Compliance

[MD_171809-1_052220182123_dmtec](#)

English

[MD_171809-1_052220182123_dmtec](#)

English