

1-172210-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 187](#)

TE Internal #: 1-172210-1

Positive Lock 187, Crimp Terminal Housings, Receptacle,
Receptacle, 2 Positions, Straight, UL 94V-0, Natural, Nylon, Mating
Retention

[View on TE.com >](#)



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



Terminal & Splice Type: **Receptacle**

Housing Type: **Receptacle**

Number of Positions: **2**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
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Body Features

Housing Color	Natural
Mating Retention	With
Mating Alignment	With

Contact Features

Terminal & Splice Type	Receptacle
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Terminal Orientation	Straight
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Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Retention Type	Latch
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Mounting Style	Free Hanging
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Housing Features

Housing Material	Nylon
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Dimensions

Centerline	6 mm [.236 in]
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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-0
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Packaging Features

Packaging Quantity	1000
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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: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 <p>TE Model / Part # 170330-2 PL 187 RECEPTACLE 24-20 AWG NPPHBZ</p>	 <p>TE Model / Part # 170332-1 PL 187 RECEPTACLE 18-14 AWG PTPBR</p>	 <p>TE Model / Part # 170324-2 PL 187 RECEPTACLE 24-20 AWG 0.3 NPCU</p>	 <p>TE Model / Part # 170326-1 PL 187 REC 18-14 AWG 0.3 X 14.0 PTPBR</p>
 <p>TE Model / Part # 170326-5 PL 187 REC 18-14 AWG 0.3 X 14.0 PTPPHBZ</p>	 <p>TE Model / Part # 170324-1 POSITIVE LOCK 187 REC 24-20AWG 0.3 PTPBR</p>	 <p>TE Model / Part # 170325-1 187 PL MII REC. 20-16 AWG 0.3 PTPBR</p>	 <p>TE Model / Part # 170325-5 PL 187 RECEPTACLE 20-16 AWG 0.3 PTPPHBZ</p>
 <p>TE Model / Part # 170330-1 PL MKII 187 REC 24-20AWG PTBR LP</p>	 <p>TE Model / Part # 170331-1 PL MKII 187 REC 20-16AWG PTBR LP</p>	 <p>TE Model / Part # 175032-1 PL 187 REC 26-20 AWG 0.30 X 14.0 SS</p>	 <p>TE Model / Part # 2297529-1 187 P.LOCK MK-II REC FOR 0.8T</p>

Also in the Series | [Positive Lock 187](#)



Crimp Terminal Housings(89)



Insulation Boots & Sleeves(9)



Quick Disconnects(54)

Customers Also Bought



TE Model / Part #7-2151079-7
OCEAN_2.0_SPARE_PART_KIT-080F130F



TE Model / Part #234156-2
CRIMPER,WIRE



TE Model / Part #4-1333219-0
ANVIL, E/FEED (.110)



TE Model / Part #2-2150198-2
OCEAN_2.0_APPLICATION-E-210F2500A



TE Model / Part #2151772-2
OCEAN_2.0_APPLICATION-S-070F102FA



TE Model / Part #2266667-1
OC-AT-S-FM-050F062F-106-1441

Documents

Product Drawings

PL MKII 187 REC HSG 2P NYLON NAT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-172210-1_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172210-1_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172210-1_R.3d_stp.zip](#)

English

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



Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Product Specification

Japanese

187 SERIES POSITIVE LOCK MARK-II CONNECTOR

Japanese

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English