



Positive Lock | Positive Lock 187

TE Internal #: 172075-1

Receptacle, Receptacle, 3 Position, Straight, UL 94V-2, Natural, Nylon, Contact Mating Retention, Positive Lock 187, Crimp Terminal Housings

[View on TE.com >](#)

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



Terminal Type: **Receptacle**
Connector & Housing Type: **Receptacle**
Number of Positions: **3**
Terminal Orientation: **Straight**
UL Flammability Rating: **UL 94V-2**

Features

Product Type Features

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

Configuration Features

Number of Positions	3
---------------------	---

Body Features

Primary Product Color	Natural
-----------------------	---------

Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With

Mechanical Attachment

--



Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon
Centerline (Pitch)	6 mm[.236 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-2
------------------------	----------

Packaging Features

Packaging Quantity	1000
--------------------	------

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

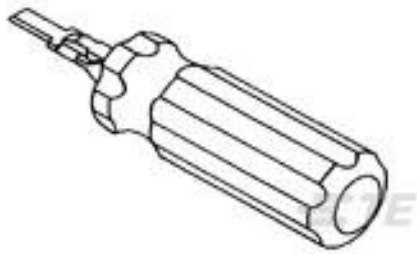
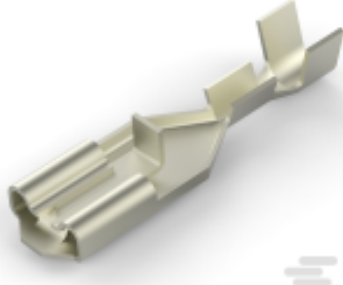
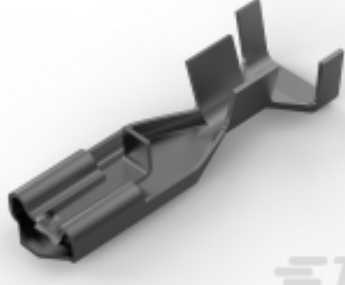
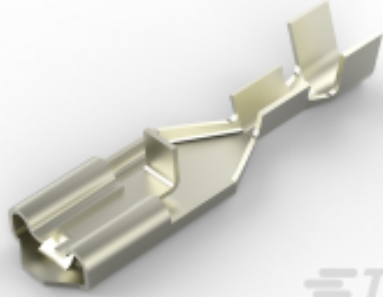
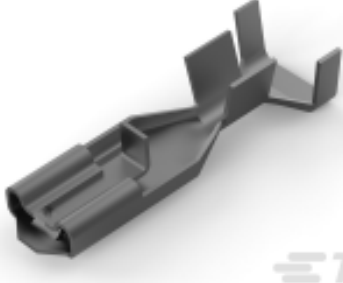
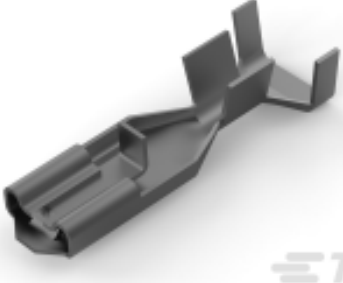
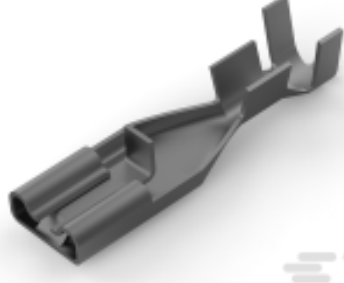
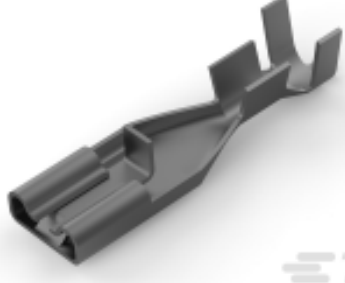
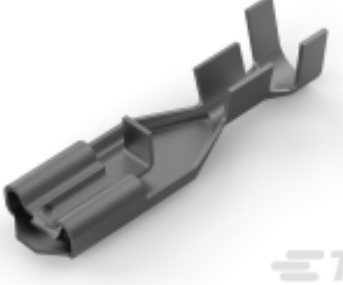
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

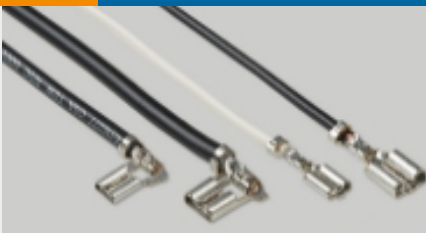
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

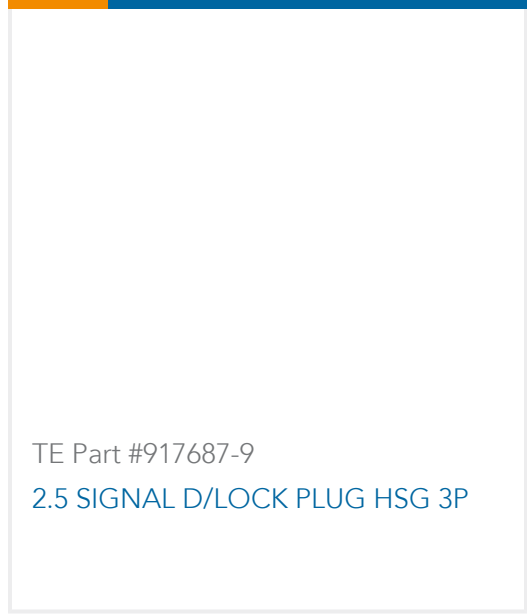
 TE Part # 724659-1 EXT TOOL FOR POSITIVE .187	 TE Part # 170330-2 PL 187 RECEPTACLE 24-20 AWG NPPHBZ	 TE Part # 170332-1 PL 187 RECEPTACLE 18-14 AWG PTPBR	 TE Part # 170324-2 PL 187 RECEPTACLE 24-20 AWG 0.3 NPCU
 TE Part # 170326-5 187 PL MKII REC. 18-14AWG PTPB	 TE Part # 170326-1 187 PL MKII REC. 18-14AWG PTBR	 TE Part # 170325-5 187 PL MKII REC. 20-16AWG PTBR	 TE Part # 170325-1 187 PL MKII REC. 20-16AWG PTBR
 TE Part # 170324-1 187 PL MKII REC. 24-20AWG PTBR	 TE Part # 170331-1 PL MKII 187 REC 20-16AWG PTBR LP	 TE Part # 170330-1 PL MKII 187 REC 24-20AWG PTBR LP	

Also in the Series | Positive Lock 187

 Crimp Terminal Housings(86)	 Insertion & Extraction Tools(2)	 Insulation Boots & Sleeves(7)	 Quick Disconnects(57)
--	--	--	--

Customers Also Bought



 TE Part #316094-1 STD Temp Signal Double Lock Cap	 TE Part #917697-1 2.5 SIGNAL D/LOCK PLUG HSG 13P	 TE Part #485029-1 RING 18-14 AWG TPBR	 TE Part #61868-1 RING CRIMP 10-6 AWG TPBR
 TE Part #1743165-2 250 HSG. PL EX REC. 12mm 2P BLACK	 TE Part #1743221-1 250 PL EX FLAG REC. 18-12AWG PTBR	 TE Part #5-170063-3 CLUSTER BLOCK REC W/BACK UP	 TE Part #917687-9 2.5 SIGNAL D/LOCK PLUG HSG 3P

Documents

Product Drawings
POSITIVE LOCK 187 HOUSING RECEPTACLE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_172075-1_N1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_172075-1_N1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_172075-1_N1.3d_stp.zip
English

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

Datasheets & Catalog Pages
FASTON Housings
English
Positive Lock Receptacles
English

Product Specifications
Application Specification
English



[Agency Approvals](#)

[UL Report](#)

English