



Positive Lock | Positive Lock 187

TE Internal #: 170326-1

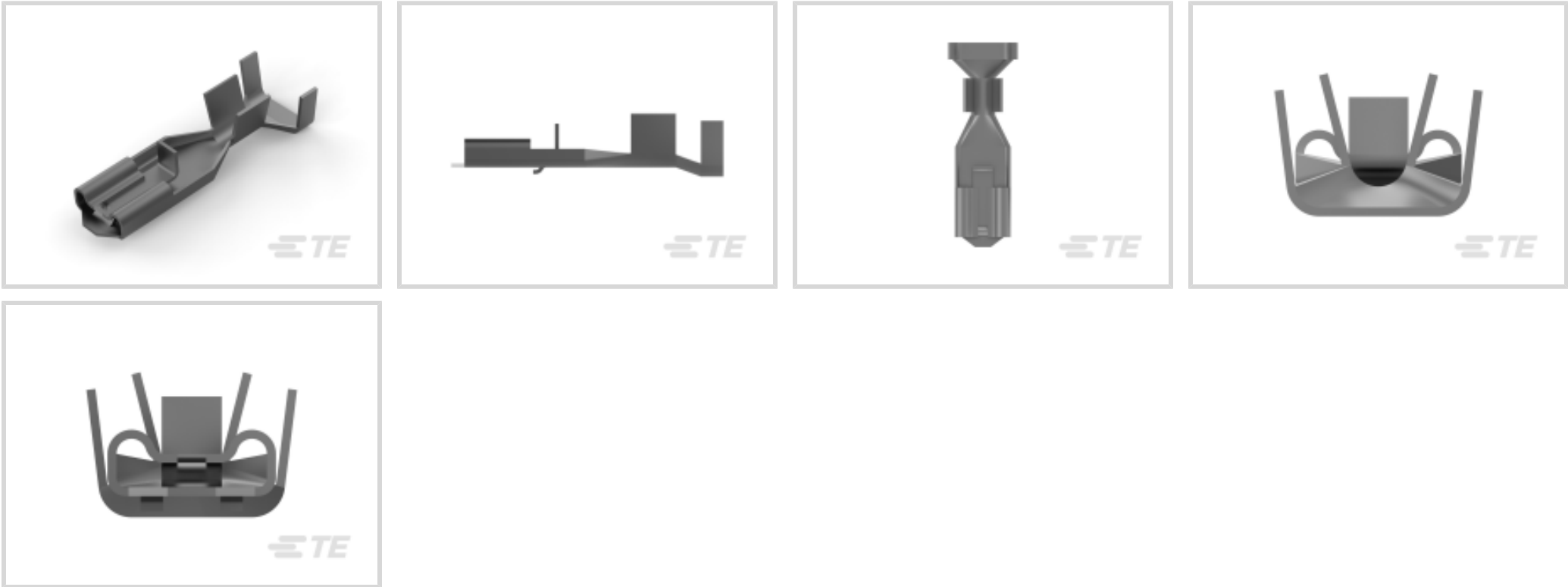
Positive Lock 187, Quick Disconnects, Receptacle, 18 – 14AWG

Wire Size, .82 – 2.08mm² Wire Size, Quick Disconnect Mating Tab

Width 4.75 mm [.187 in]

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Terminal & Splice Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

Quick Disconnect Mating Tab Width: **4.75 mm [.187 in]**

Quick Disconnect Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

Wire Stop	No
Wire/Cable Type	Regular Wire
Terminates To	Wire & Cable
Sealable	No
Insulated	No

Configuration Features

Connection Capacity	Single
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Body Features

Fully Insulated	No
Quick Disconnect Plating Material	Pre-Tin

Contact Features

Terminal Type	Receptacle
Terminal & Splice Type	Receptacle
Quick Disconnect Terminal Orientation	Straight



Contact Base Material	Brass
Crimp Type	F-Crimp
Barrel Type	Open

Mechanical Attachment

Mating Retention Type	Dimple
Wire Insulation Support	With

Dimensions

Accepts Wire Insulation Diameter Range	2.1 – 3.6 mm[.082 – .141 in]
Overall Length	21.6 mm[.85 in]
Receptacle Terminal Stock Thickness	.3 mm[.012 in]
Wire Size	.82 – 2.08 mm²
Quick Disconnect Mating Tab Width	4.75 mm[.187 in]
Quick Disconnect Mating Tab Thickness	.51 mm[.02 in]

Usage Conditions

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

Industry Standards

UL Rating	Recognized
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Packaging Features

Packaging Quantity	5000
Quick Disconnect Packaging Method	Strip/Reel

Other

Comment	Air-feed Applicator should be used., External Diameter of a wire 1.6-3.1mm.
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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: JAN 2021 (211)



Candidate List Declared Against: JAN 2021 (211)
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>

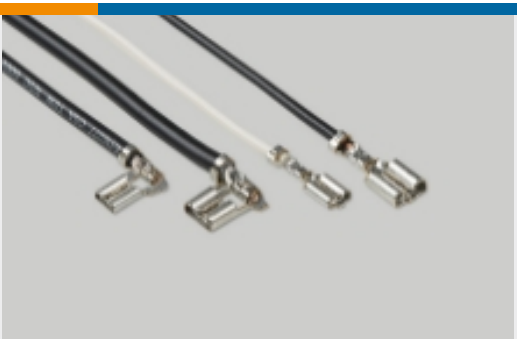
Compatible Parts

TE Part # 724659-1 EXT TOOL FOR POSITIVE .187	TE Part # 172075-1 POSITIVE LOCK 187 HOUSING RECEPTACLE	TE Part # 521125-1 PL 187 HOUSING TAB 0.81 NYLON 6/6	TE Part # 1-172075-1 3 POS PL 187(4.8 MM) HOUSING NATURAL
TE Part # 173974-6 PL MKII 187 REC HSG 1P NYLON BLUE	TE Part # 174513-1 PL 187 HOUSING RECEPTACLE	TE Part # 176498-1 POSITIVE LOCK 187 (4.8 MM) HOUSING	TE Part # 1-174712-1 187 HSG. PL MKII REC. 6.65mm 2P NAT



 TE Part # 174712-1 PL 187 (4.8 MM) HOUSING RECEPTACLE	 TE Part # 172074-1 187 HSG. PLMKII REC. NAT	 TE Part # 173974-1 187 HSG. PL MKII REC. NAT	 TE Part # 176498-4 POSITIVE LOCK 187 (4.8 MM) HOUSING
 TE Part # 1-1743068-1 3 POS PL 187(4.8 MM) HOUSING NATURAL	 TE Part # 179183-6 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 175578-1 PL 187 HOUSING RECEPTACLE	 TE Part # 176498-6 PL MKII 187 REC HSG 2P NYLON BLUE
 TE Part # 2-172210-6 PL MKII 187 REC HSG 2P BLUE	 TE Part # 172074-2 POSITIVE LOCK 187 HOUSING RECEPTACLE	 TE Part # 1-172210-1 187 HSG. PL MKII REC. 6mm 2P NAT	 TE Part # 172210-1 POSITIVE LOCK 250 HOUSING RECEPTACLE

Also in the Series | Positive Lock 187

 Crimp Terminal Housings(87)	 Insertion & Extraction Tools(2)	 Insulation Boots & Sleeves(9)	 Quick Disconnects(56)
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Customers Also Bought

 TE Part #917700-1 Signal Double Lock TPA	 TE Part #1-176497-1 250 HSG. PL EX FLAG REC. NAT	 TE Part #170213-2 250 FASTON,REC.,18-14 AWG,TPBR	 TE Part #170324-1 187 PL MKII REC. 24-20AWG PTBR
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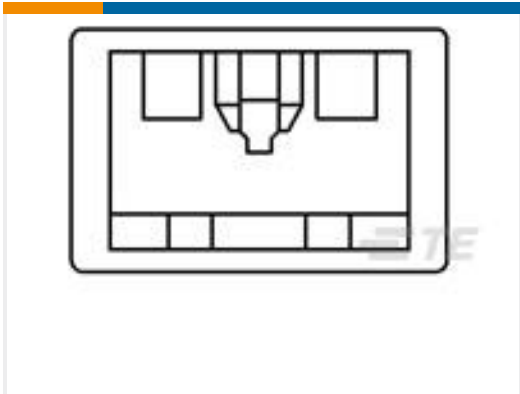




TE Part #1-1743068-1
3 POS PL 187(4.8 MM) HOUSING
NATURAL



TE Part #1376476-1
Signal Double Lock Receptacle



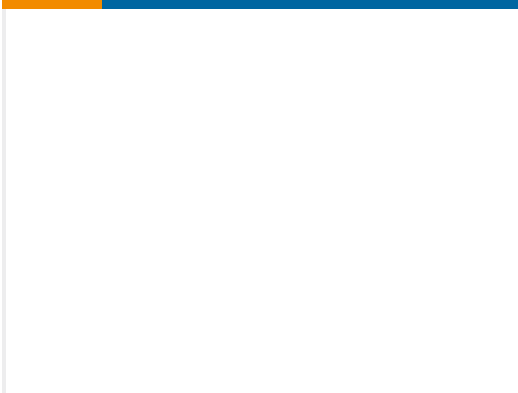
TE Part #1318954-6
250 HSG. PL EX REC. BLUE



TE Part #1217039-1
TIMER CONNECTOR GEN 3 18-14
POST-TPBR



TE Part #1-1743216-1
GAS VALVE 2P HSG



TE Part #1-1743217-1
GAS VALVE 3P HSG

Documents

Product Drawings

187 PL MKII REC. 18-14AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170326-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170326-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170326-1_N.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

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English



Product Environmental Compliance

[MD_170326-1_053120181022_dmtec](#)

English

[MD_170326-1_053120181022_dmtec](#)

English

Instruction Sheets

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

English

[AMP* POSITIVE LOCK CONNECTOR](#)

English

Agency Approvals

[Agency Approval Document](#)

English