

170325-1 ✓ ACTIVE

Positive Lock | Positive Lock 187, Mark II

TE Internal #: 170325-1

Quick Disconnect Receptacle, Uninsulated, 20 – 16 AWG, .51 – 1.31 mm<sup>2</sup> Wire, 4.75 mm [.187 in] Tab Width, F-Crimp, Straight, Brass, Positive Lock 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.31 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

Mating Tab Thickness: .51 mm [.02 in]

## Features

### Product Type Features

Insertion Force	Low
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### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

### Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm [.187 in]
Mating Tab Thickness	.51 mm [.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

### Termination Features

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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Product Length	21.6 mm [.85 in]
Compatible Insulation Diameter Range	1.9 – 3.4 mm [.074 – .133 in]
Terminal Material Thickness	.3 mm [.012 in]
Wire Size	.51 – 1.31 mm <sup>2</sup>

### Usage Conditions

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

### Packaging Features

Packaging Quantity	6000
Packaging Method	Strip/Reel

### 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1743068-1  
187 3P HSG FOR DRYER



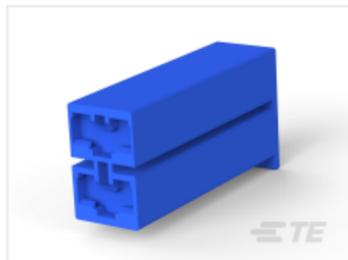
TE Part # 2-1318920-3  
PL MKII 187 REC HSG 2P W/R GREEN



TE Part # 1-174587-1  
PL MK2 2P 187 HOUSING  
RECEPTACLE NAT



TE Part # 1-174587-7  
PL MK2 2POS 187 HOUSING  
RECEPTACLE RED



TE Part # 1-172210-6  
5 POS PL MK-2 187 HOUSING  
RECEPTACLE



TE Part # 1-173974-1  
PL 187 HOUSING RECEPTACLE  
NATURAL



TE Part # 1-172210-2  
2P PL MK-2 187(4.8 MM) HOUSING  
REC



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



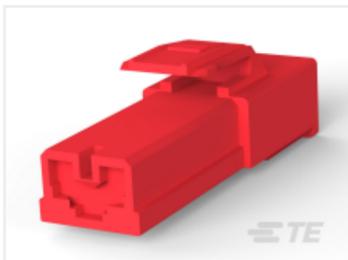
TE Part # 1-174587-5  
PL MK2 2P 187 HOUSING  
RECEPTACLE GREEN



TE Part # 3-176498-4  
POSITIVE LOCK 187 HOUSING  
RECEPTACLE



TE Part # 190679-2  
POSILOK T'P



TE Part # 179183-7  
POSITIVE LOCK 187 (4.8 MM)  
HOUSING



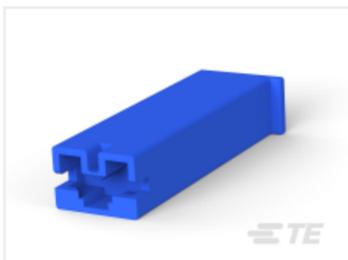
TE Part # 1-174587-6  
PL MK2 2P 187 HOUSING  
RECEPTACLE BLUE



TE Part # 368602-1  
POSITIVE LOCK 187 HOUSING  
RECEPTACLE



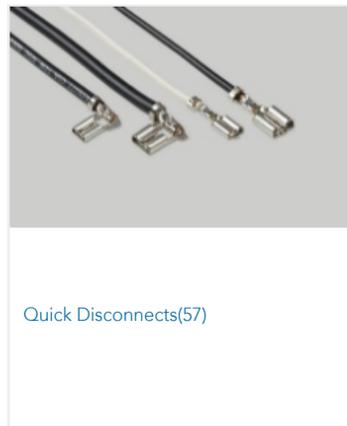
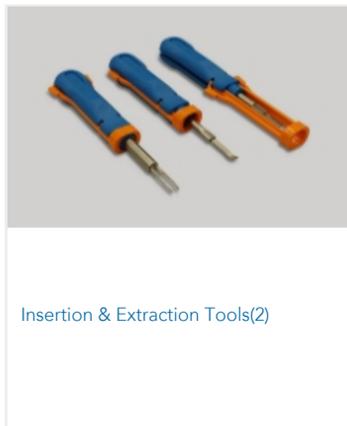
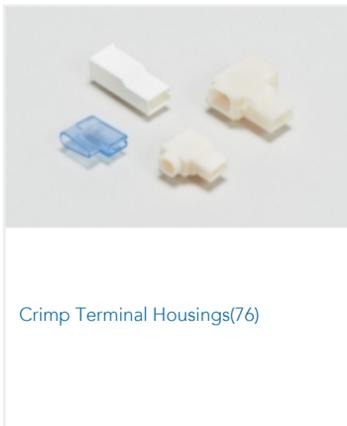
TE Part # 173974-5  
PL MKII 187 REC HSG 1P NYLON  
GREEN



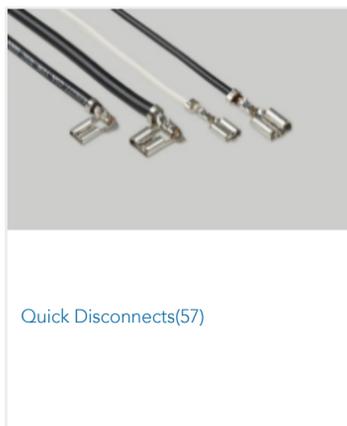
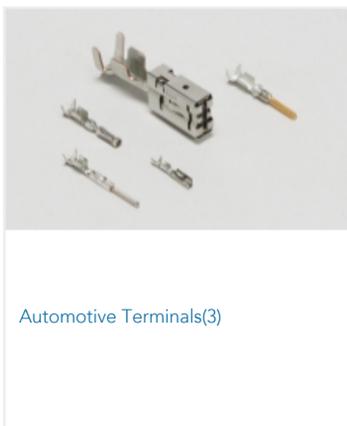
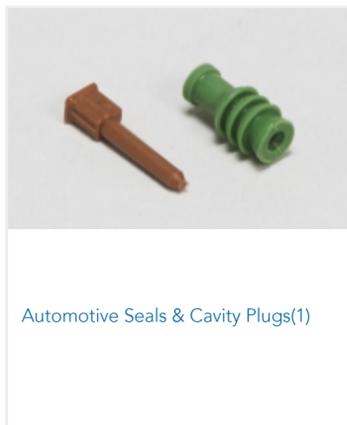
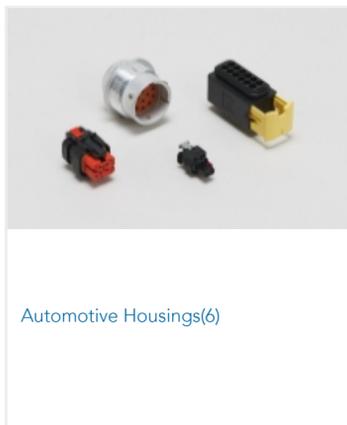
TE Part # 173974-6  
PL MKII 187 REC HSG 1P NYLON BLUE



Also in the Series | **Positive Lock 187**



Also in the Series | **Mark II**



Customers Also Bought



TE Part #170801-4  
FF 110 REC HSG 4P NYLON NATURAL



TE Part #1-172469-2  
PL 250 (6.3 MM) HOUSING BLUE 6/6  
NYLON



TE Part #175022-1  
250 PL EX REC. 18-14AWG PTBR



TE Part #175179-1  
187 PL MKII TAB. 22-16 AWG PTBR



TE Part #3-1565081-4  
GRACE INERTIA CONNECTOR 3.5 2P



TE Part #1744036-6  
06P ECONOMY POWER .200 CL HSG



TE Part #1747066-5  
GRACE INERTIA CONN 2.5 PLUG  
HSG 5P NATUR



TE Part #1-1747066-3  
GRACE INERTIA CONN 2.5 PLUG  
HSG 3P RED



TE Part #173724-7  
PL 187 REC 20-18 AWG 0.30 X 38.6  
PTBR



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

## Documents

### Product Drawings

[187 PL MKII REC. 20-16AWG PTBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_170325-1\\_T.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170325-1\\_T.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_170325-1\\_T.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages



## 1654742\_HOUSEHOLD\_APPLIANCES\_RAST5

English

### Positive Lock Receptacles

English

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### Product Specifications

#### Application Specification

English

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### Instruction Sheets

#### Instruction Sheet (non U.S.)

English

### AMP\* POSITIVE LOCK CONNECTOR

English

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### Agency Approvals

#### Agency Approval Document

English