

170325-1 ✓ ACTIVE



Positive Lock | Mark II, Positive Lock 187

TE Internal #: 170325-1

Quick Disconnects, Receptacle, 20 - 16 AWG Wire Size, .51 - 1.31 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Positive Lock 187

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 - 1.31 mm²**

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

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

Features

Product Type Features

Insertion Force	Low
-----------------	-----

Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

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

--	--



Product Terminates To	Wire & Cable
-----------------------	--------------

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

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

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>](#)

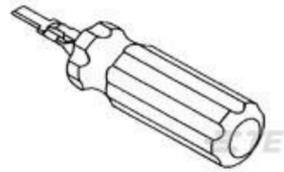
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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

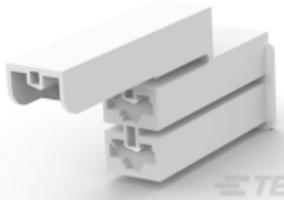
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



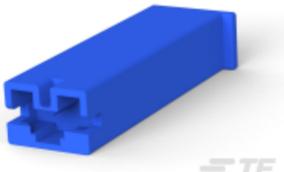
TE Part # 724659-1
EXT TOOL FOR POSITIVE .187



TE Part # 172075-1
POSITIVE LOCK 187 HOUSING RECEPTACLE



TE Part # 521125-1
PL 187 HOUSING TAB 0.81 NYLON 6/6



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



TE Part # 174513-1
PL 187 HOUSING RECEPTACLE



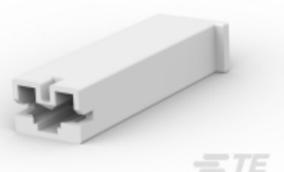
TE Part # 176498-1
POSITIVE LOCK 187 (4.8 MM) HOUSING



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



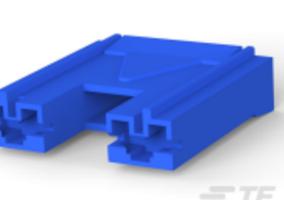
TE Part # 2150032-2
OCEAN_2.0_APPLICATOR-E-090F155F-REA



TE Part # 179183-6
POSITIVE LOCK 187 (4.8 MM) HOUSING



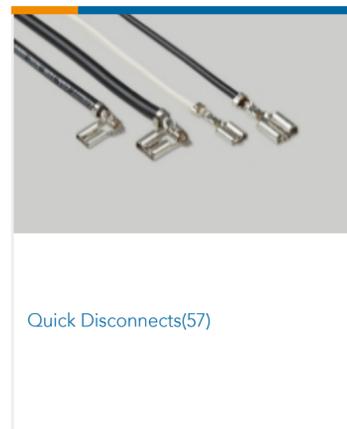
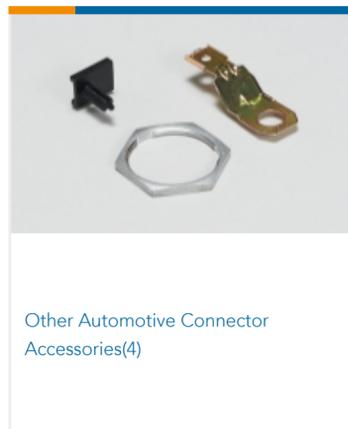
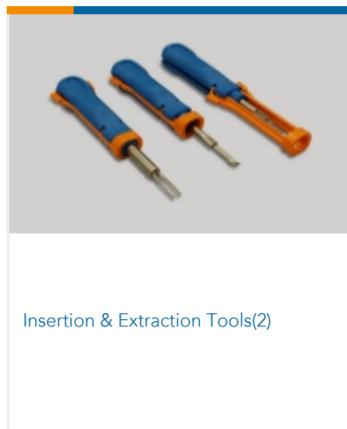
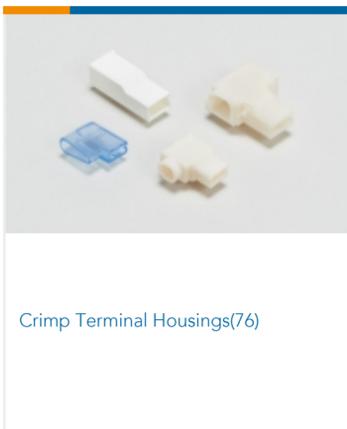
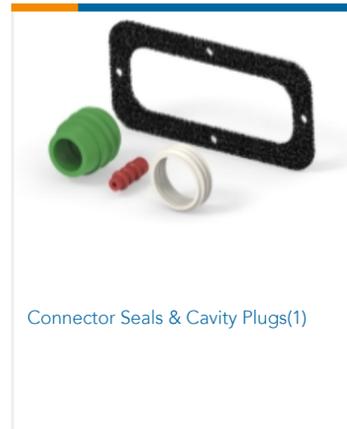
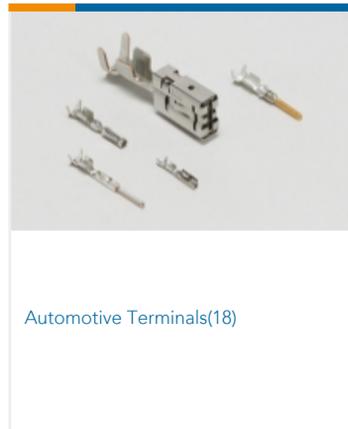
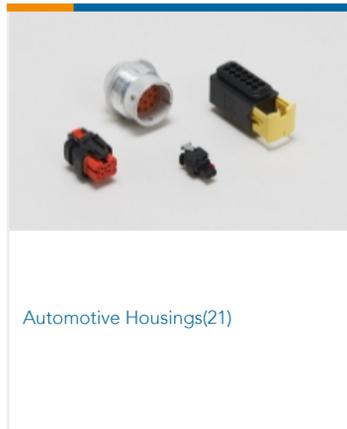
TE Part # 175578-1
PL 187 HOUSING RECEPTACLE



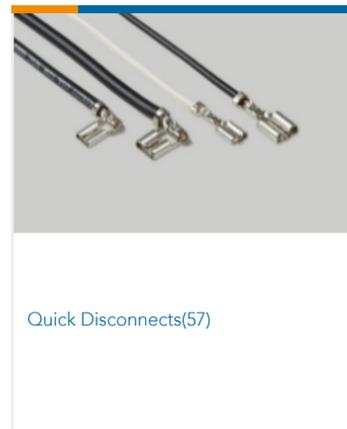
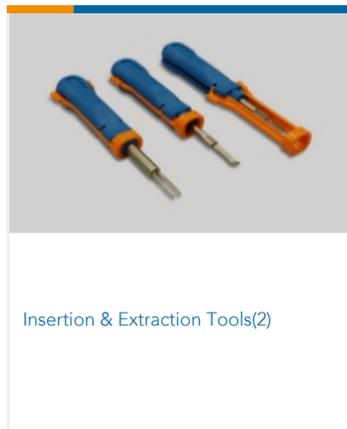
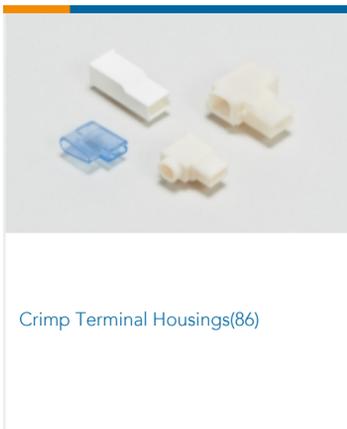
TE Part # 176498-6
PL MKII 187 REC HSG 2P NYLON BLUE



Also in the Series | **Mark II**



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



Customers Also Bought



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

Product Specifications

[Application Specification](#)

English



Instruction Sheets

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

English

[AMP* POSITIVE LOCK CONNECTOR](#)

English

Agency Approvals

[Agency Approval Document](#)

English