



Positive Lock | Positive Lock 187, Mark II

TE Internal #: 176498-2

Receptacle, Receptacle, 2 Position, Straight, UL 94V-0, Black, Nylon,
Cable Mount (Free-Hanging), 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: **2**
Terminal Orientation: **Straight**
UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
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Body Features

Primary Product Color	Black
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Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With

Mechanical Attachment

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

Housing Features

Housing Material	Nylon
Centerline (Pitch)	15 mm[.59 in]

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
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Melamine (3% in 23457018816) Article Safe Usage Statements: Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

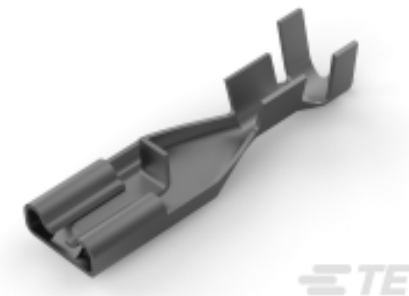
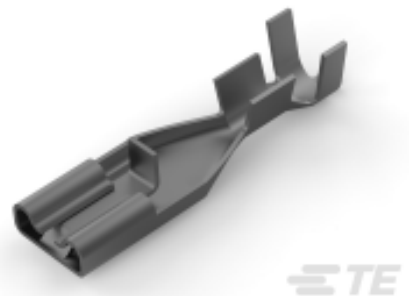
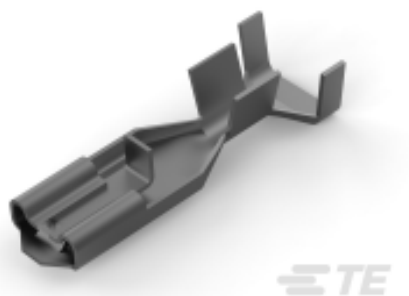
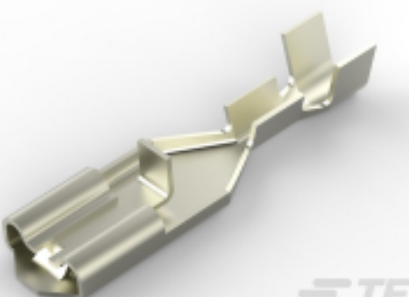
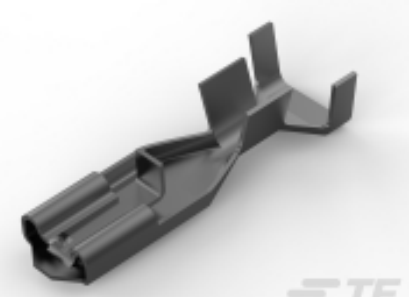
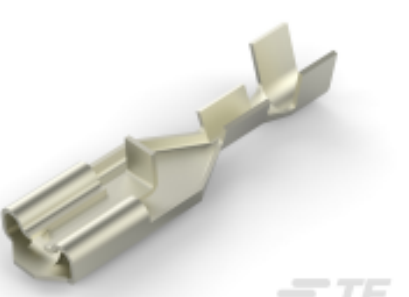
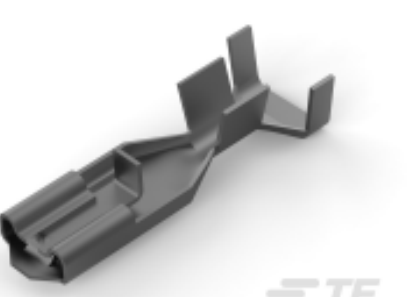
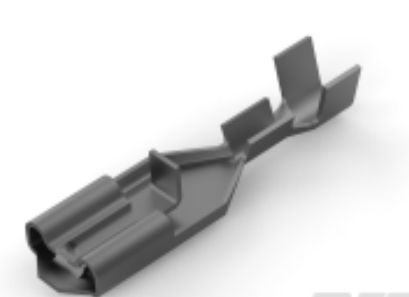
Product Compliance Disclaimer

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

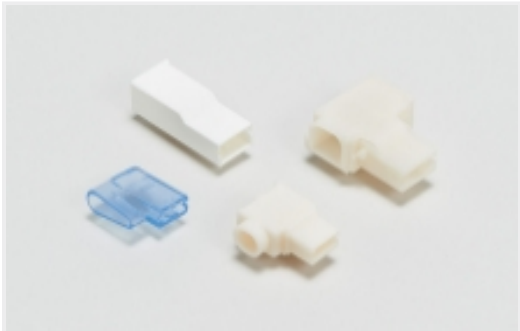


will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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 # 170325-5 187 PL MKII REC. 20-16AWG PTBR	 TE Part # 170325-1 187 PL MKII REC. 20-16AWG PTBR	 TE Part # 170326-1 187 PL MKII REC. 18-14AWG PTBR	 TE Part # 170324-1 187 PL MKII REC. 24-20AWG PTBR
 TE Part # 170324-2 PL 187 RECEPTACLE 24-20 AWG 0.3 NPCU	 TE Part # 170332-1 PL 187 RECEPTACLE 18-14 AWG PTPBR	 TE Part # 170330-2 PL 187 RECEPTACLE 24-20 AWG NPPHBZ	 TE Part # 170326-5 187 PL MKII REC. 18-14AWG PTPB
 TE Part # 170330-1 PL MKII 187 REC 24-20AWG PTBR LP	 TE Part # 170331-1 PL MKII 187 REC 20-16AWG PTBR LP		

Also in the Series | Positive Lock 187

 Crimp Terminal Housings(76)	 Insertion & Extraction Tools(2)	 Insulation Boots & Sleeves(7)	 Quick Disconnects(57)
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Also in the Series | Mark II



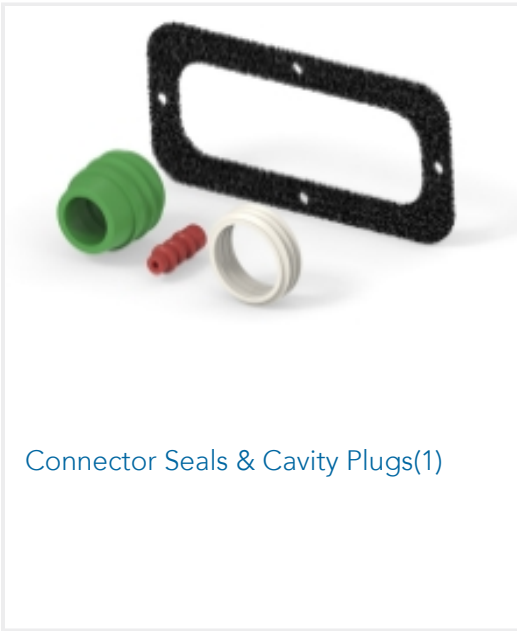
Automotive Connector Locks & Position Assurance(1)



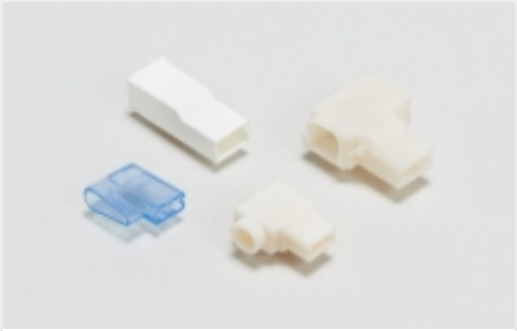
Automotive Housings(6)



Automotive Terminals(3)



Connector Seals & Cavity Plugs(1)



Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)



Quick Disconnects(57)

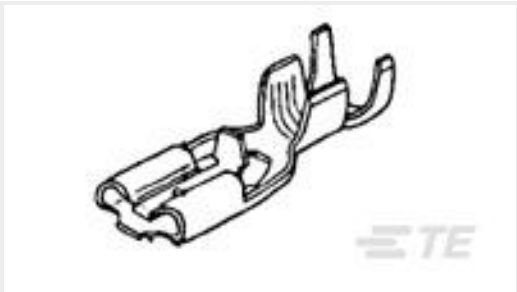
Customers Also Bought



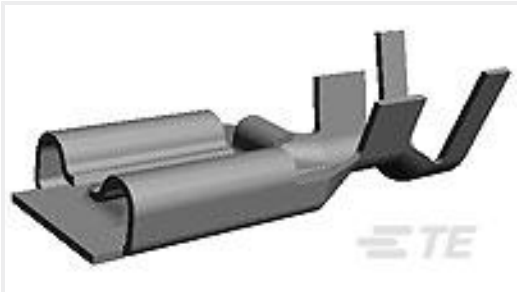
TE Part #1217094-2
RCPT 250 POS-LOCK 18-14 TPBR



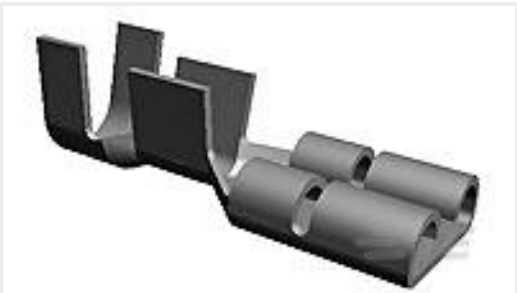
TE Part #1744201-1
EP-II CONTACT LANCELESS, 20-16



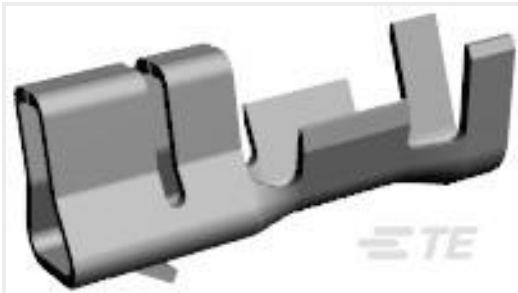
TE Part #170325-1
187 PL MKII REC. 20-16AWG PTBR



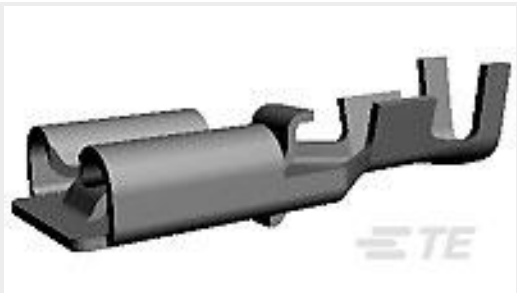
TE Part #173722-1
187 PL EX REC. 26-20AWG PTBR



TE Part #737439-2
250 FASTON REC 22-18 AWG TPBR



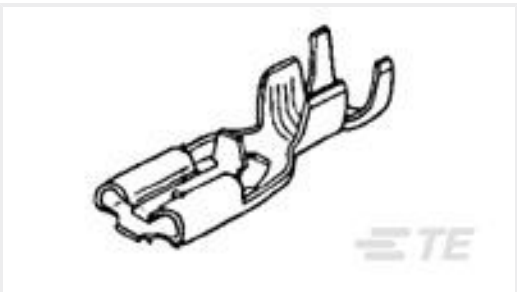
TE Part #917684-1
2.5 SIGNAL DBL LOCK REC CONT M



TE Part #179974-1
250 PL EX REC. 18-14AWG PTBR



TE Part #177918-1
POWER DBL LOCK PLATE 2P



TE Part #170324-1
187 PL MKII REC. 24-20AWG PTBR



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

Documents



Product Drawings

PL MKII 187 REC HSG 2P NYLON BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_176498-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_176498-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_176498-2_F.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

Agency Approvals

UL Report

English