174513-1

Positive Lock | Positive Lock 187

TE Internal #: 174513-1

TE Internal Description: PL 187 HOUSING RECEPTACLE

View on TE.com >

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







Terminal Type: **Receptacle**

Connector & Housing Type: **Receptacle**

Number of Positions: **4**

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	4

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)	5.6 mm, 6.6 mm[.22 in][.259 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000

Product Compliance

For compliance documentation, visit the product page on TE.com>

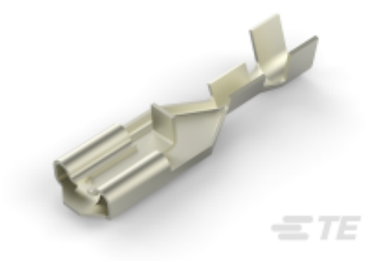
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Melamine (3% in 23412681598) **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 < 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



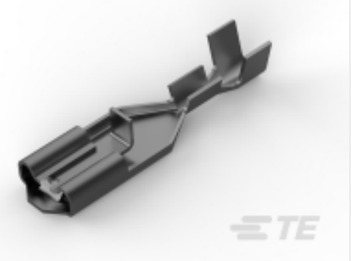
TE Part # 170330-2
PL 187 RECEPTACLE 24-20 AWG NPPHBZ



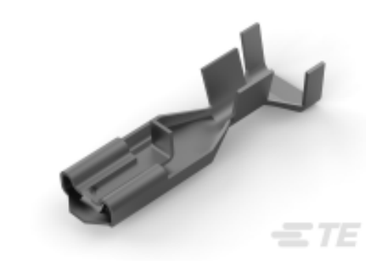
TE Part # 170332-1
PL 187 RECEPTACLE 18-14 AWG PTPBR



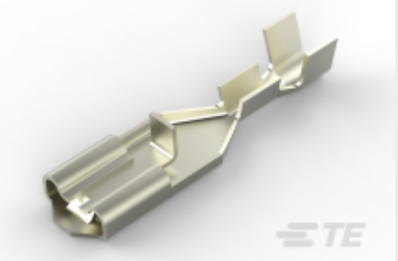
TE Part # 170326-5
187 PL MKII REC. 18-14AWG PTPB



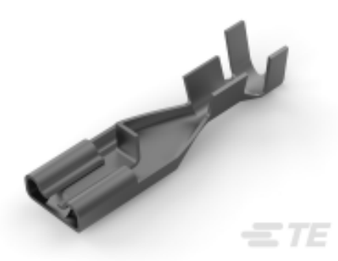
TE Part # 170324-1
187 PL MKII REC. 24-20AWG PTBR



TE Part # 170326-1
187 PL MKII REC. 18-14AWG PTBR



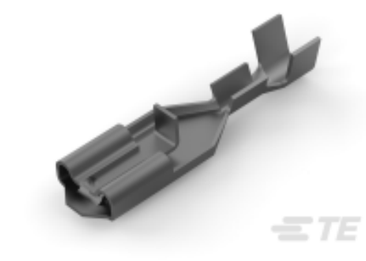
TE Part # 170324-2
PL 187 RECEPTACLE 24-20 AWG 0.3 NPCU



TE Part # 170325-5
187 PL MKII REC. 20-16AWG PTBR



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

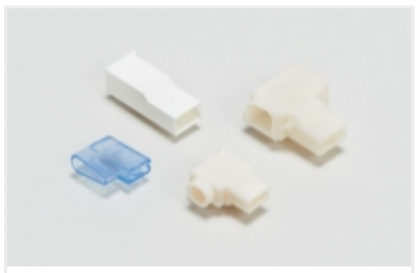


TE Part # 170330-1
PL MKII 187 REC 24-20AWG PTBR LP



TE Part # 170331-1
PL MKII 187 REC 20-16AWG PTBR LP

Also in the Series | Positive Lock 187



Crimp Terminal Housings(82)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(54)

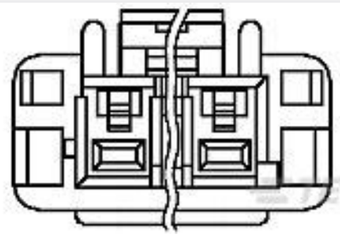
Customers Also Bought



TE Part #179973-1
250 PL EX REC. 22-18AWG PTBR



TE Part #917692-1
2.5 SIGNAL D/LOCK PLUG HSG 8P



TE Part #1376390-1
5MM POWER KEY 4P PLUG HSG NUT



TE Part #CAT-G7534-P729
STD Temp GRACE INERTIA Plug



TE Part #1565088-1
GRACE INERTIA CONNECTOR 3.5 6P



TE Part #2005543-5
BLOWER MOTOR 3P DBL YEL



TE Part #2232342-1
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part #2232905-1
EP 2.5 LIF RCPT CONTACT, 26-22 AWG

TE Part #2108798-1
CLUSTER BLOCK 3P CLIP TPA HSG

Documents

Product Drawings

PL 187 HOUSING RECEPTACLE

English

CAD Files

Customer View Model

ENG_CVM_CVM_174513-1_K.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_174513-1_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_174513-1_K.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

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English