179970-2 ✔ ACTIVE

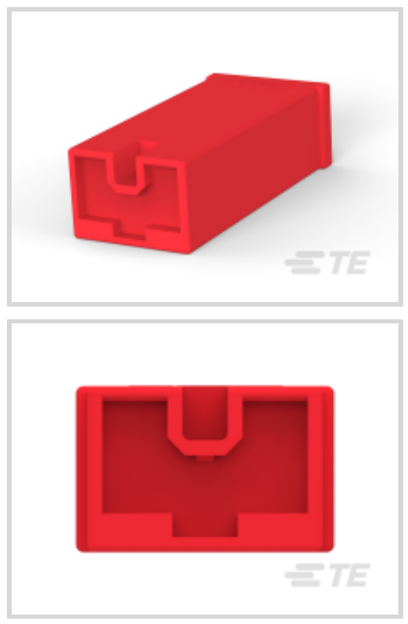
Positive Lock | Positive Lock 250

TE Internal #: 179970-2

Receptacle Terminal Housing, 1 Position, Straight, Red, UL 94V-0, Nylon, Cable Mount (Free-Hanging), -40 – 105 °C [-40 – 221 °F], Positive Lock 250

View on TE.com >

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



Terminal Type: **Receptacle**

Connector & Housing Type: **Receptacle**

Number of Positions: **1**

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	1

Body Features

Primary Product Color	Red

Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	Without

Mechanical Attachment

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

Housing Features

Housing Material	Nylon

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	400

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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 179974-6
250 PL EX REC. 18-14AWG PTBR



TE Part # 179975-1
250 PL EX REC. 15-10AWG PTBR

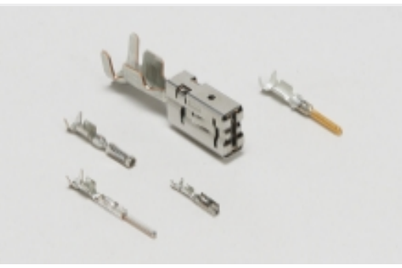


TE Part # 179973-1
250 PL EX REC. 22-18AWG PTBR

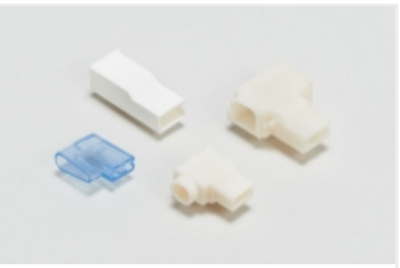


TE Part # 179974-1
250 PL EX REC. 18-14AWG PTBR

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(163)



Insertion & Extraction Tools(3)

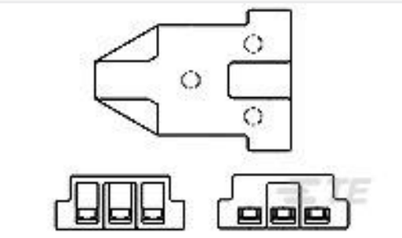


Insulation Boots & Sleeves(5)

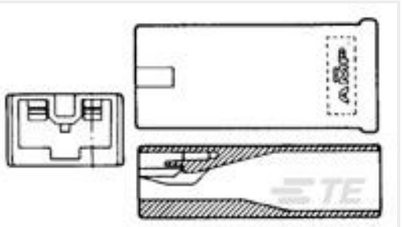


Quick Disconnects(168)

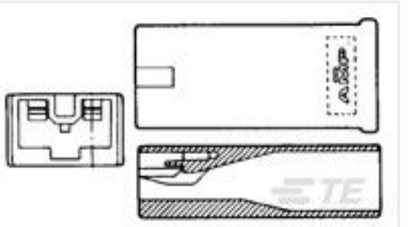
Customers Also Bought



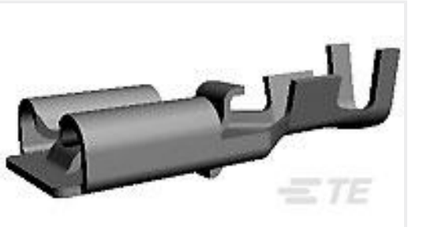
TE Part #171370-5
CLUSTER BLOCK HSG PBT



TE Part #179970-1
250 HSG. PL EX REC.



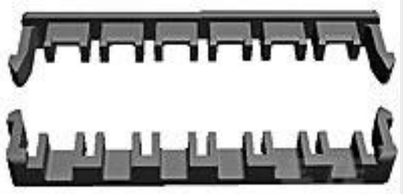
TE Part #179970-6
PL EXII 250 REC HSG 1P NYLON BLUE



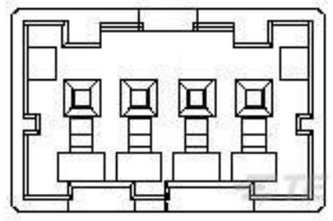
TE Part #179974-1
250 PL EX REC. 18-14AWG PTBR



TE Part #179975-1
250 PL EX REC. 15-10AWG PTBR



TE Part #1376394-1
5MM POWER KEY D/L PLATE GREEN



TE Part #1903393-1
GIC 2.5 W CAP HSG 4P NATURAL



TE Part #2013799-1
250 HSG. PL EX REC. BLACK



TE Part #3-2069829-3
DYNAMIC 1200D TAB HSG 6P P/M YELLOW X



TE Part #1-2232571-2
GIC 2.5 W PLUG HSG 3P RED

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_179970-2_J.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_179970-2_J.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_179970-2_J.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

110_Positive_Lock_Housings

English

POS_LOCK_MII_QRG

English

2P_Positive_Lock_HSGS

English

Product Specifications

Product Specification

Japanese

250 Series, Positive Lock EX-II Connector

Japanese

Agency Approvals

UL Report

English