171810-2 ✔ ACTIVE

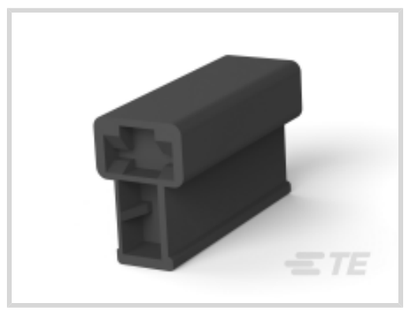
Positive Lock | Positive Lock 250

TE Internal #: 171810-2

Receptacle Terminal Housing, 2 Position, 6 mm [.236 in] Centerline, Straight, Black, UL 94V-2, Nylon, Cable Mount (Free-Hanging), 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: **2**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-2**

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

Body Features

Primary Product Color	Black

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
Centerline (Pitch)	6 mm[.236 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Industry Standards

UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	100

Product Compliance

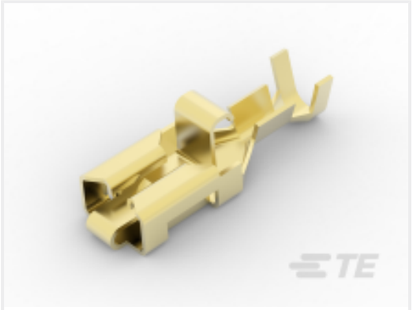
For compliance documentation, visit the product page on TE.com>

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) 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

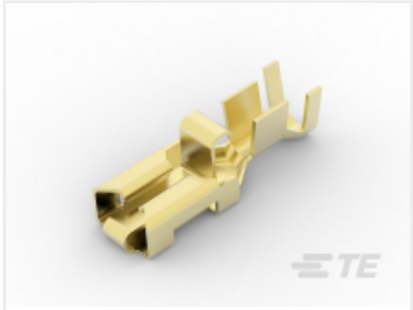
Product Compliance Disclaimer

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

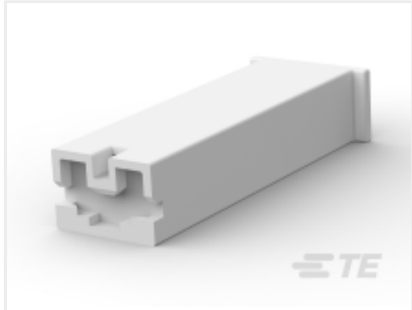
Compatible Parts



TE Part # 170233-1
PL 250 REC 0.5-2.27 MM2 BR



TE Part # 170234-1
POSITIVE LOCK RECP

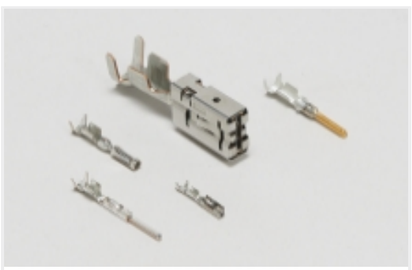


TE Part # 928083-1
PL 187 REC HSG 1P NYLON NAT

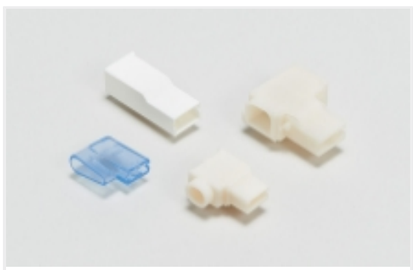


TE Part # 926716-1
PL 2P HOUSING PA 6.6 ZYTEL 101 BLACK

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(176)



Insertion & Extraction Tools(3)

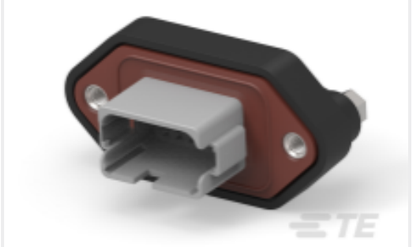


Insulation Boots & Sleeves(5)



Quick Disconnects(171)

Customers Also Bought



TE Part #DT04-12PA-BL11
REC, 12P, GRY, E, ENH KEY, CAP, FLANGE,A



TE Part #171809-2
POSITIVE LOCK (PL) HOUSING



TE Part #CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #5-1676913-3
YR1 0.1% 255R



TE Part #1-1676915-1
YR1 0.1% 75K



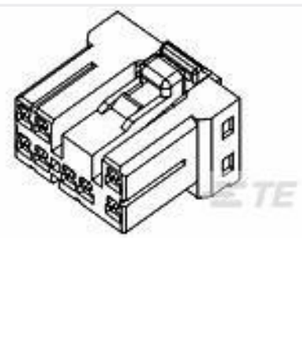
TE Part #2303837-1
COVER ASSEMBLY 72POS



TE Part #2304106-1
PLUG ASSEMBLY 72P



TE Part #2329383-7
PB OFF/ON FC RED M2 TERM. IP68



TE Part #176118-6
070 MLC II PLUG ASSY 18P GRAY

Documents

Product Drawings

POSITIVE LOCK HOUSING RECEPTACLE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_171810-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_171810-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_171810-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Crimping of Positive Lock Receptacle Contact

English

Application Specification

English

Agency Approvals

UL Report

English