



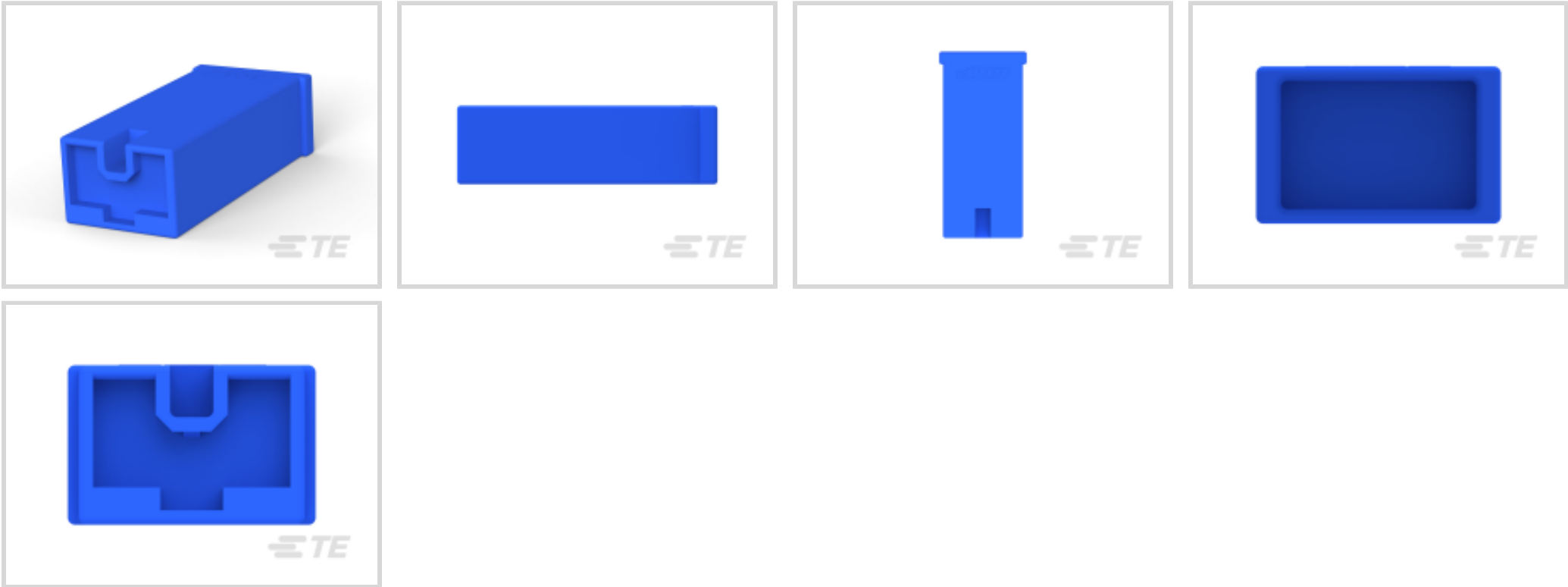
Positive Lock | Positive Lock 250

TE Internal #: 179970-6

Receptacle, Receptacle, 1 Position, Straight, UL 94V-0, Blue, Nylon,
Cable Mount (Free-Hanging), Positive Lock 250, 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: **1**
Terminal Orientation: **Straight**
UL Flammability Rating: **UL 94V-0**

Features

Packaging Features

Packaging Quantity	400
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Mechanical Attachment

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

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
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Body Features

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Primary Product Color	Blue
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Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	Without

Housing Features

Housing Material	Nylon
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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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 179974-6
250 PL EX REC. 18-14AWG PTBR

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

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

TE Part # 179973-6
PL EX 250 REC 22-18 PTPCOPPER-ALLOY

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

Also in the Series | Positive Lock 250

Automotive Terminals(1)

Crimp Terminal Housings(184)

Insertion & Extraction Tools(3)

Insulation Boots & Sleeves(4)

Quick Disconnects(185)

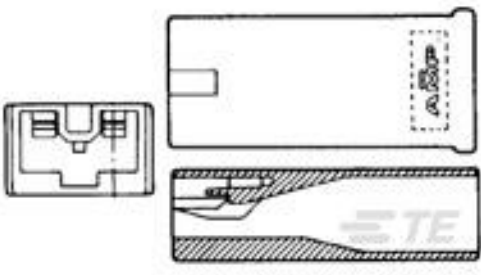
Customers Also Bought



TE Part #1746973-1
GRACE INERTIA CONNECTOR 6.2
MM PITCH TAB



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



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




TE Part #1971031-1
Receptacle contact for GIC 2.0



TE Part #1318986-2
DYNAMIC D-5 REC CONT SS L/P AU



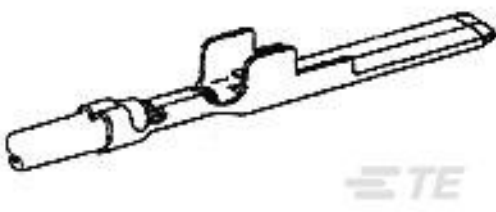
TE Part #170289-1
MIC REC LP



TE Part #2174298-1
5mm POWER KEY 3P HDR ASSEMBLY



TE Part #3-1376386-5
5mm B-T-W Conn. 4P(2row) HDR A



TE Part #170222-4
MIC TAB



TE Part #1-174662-1
E-J MK-2 PLUG HSG 12P NATURAL

Documents

Product Drawings

PL EXII 250 REC HSG 1P NYLON BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179970-6_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_179970-6_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179970-6_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Product Specification

Japanese

250 Series, Positive Lock EX-II Connector

Japanese

Agency Approvals

UL Report

English