



Positive Lock | Mark I, Positive Lock 250

TE Internal #: 520961-1

Receptacle, Receptacle, 1 Position, Straight, UL 94V-2, Black, Nylon,
Cable Mount (Free-Hanging), Carton, 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-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	1
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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
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Dimensions

	.475 in
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Usage Conditions

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

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	1
Packaging Method	Carton

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) 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>

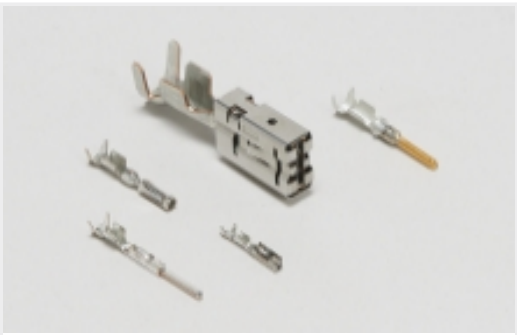
Compatible Parts

 TE Part # 1-160759-1 250 PL MKI REC. 20-15AWG PTBR	 TE Part # 790319-3 250 PL MKI REC. 12-10AWG PTBR	 TE Part # 154717-3 PL 250 REC TERMINAL 14-11 AWG TPBR	 TE Part # 154718-3 PL 250 REC 0.7-2.0 MM2 0.406 TPBR
 TE Part # 63812-1 250 PL MKI REC. 18-14AWG TPBR	 TE Part # 928083-1 PL 187 REC HSG 1P NYLON NAT	 TE Part # 1969877-1 187 HIGH TEMP POS LOCK HSG LCP	

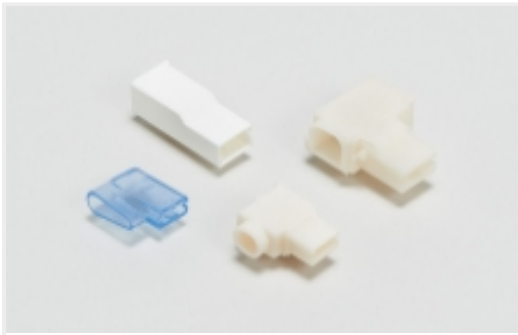
Also in the Series | Mark I

 Automotive Headers(5)	 Automotive Terminals(1)	 Crimp Terminal Housings(177)	 Insertion & Extraction Tools(3)
 PCB Headers & Receptacles(5)	 Quick Disconnects(173)	 Rectangular Power Connectors(2)	 Wire-to-Board Headers & Receptacles (5)

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(177)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(5)



Quick Disconnects(173)

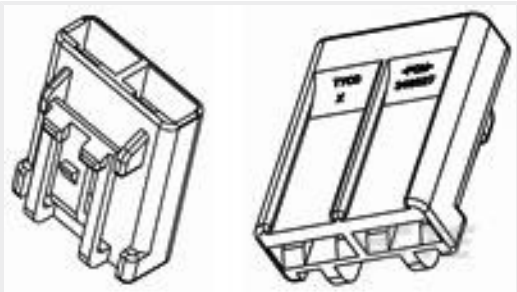
Customers Also Bought



TE Part #160927-4
FF 250 REC 1.0-2.5MM2 TPPB



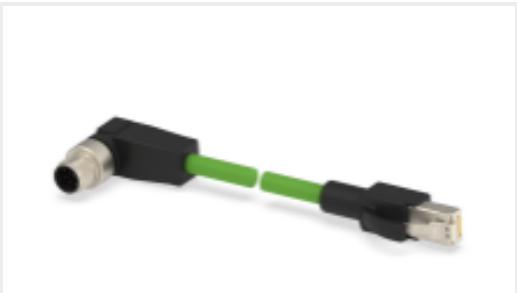
TE Part #HD36-18-14ST
PLG, 14P, AL, T, 16, S



TE Part #346027-1
FASTIN FASTON HOUSING RECEPTACLE



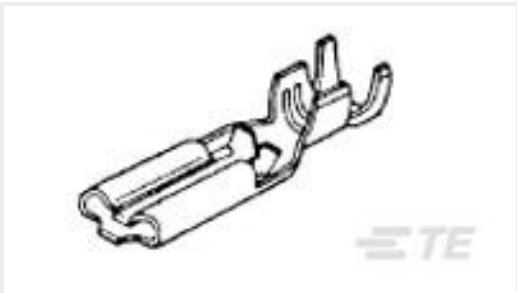
TE Part #6-160448-2
FF 250 REC 1.0-2.5MM2 TPPB



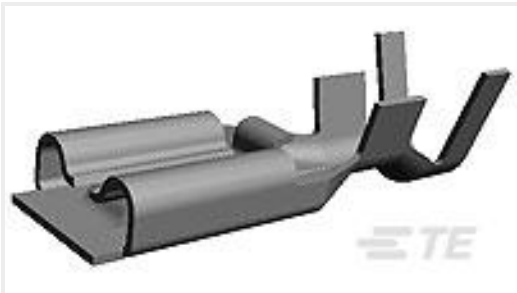
TE Part #TCX38821112-004
RPC-M12X-8MR-3.0SH-RJ45-8MS-PVC



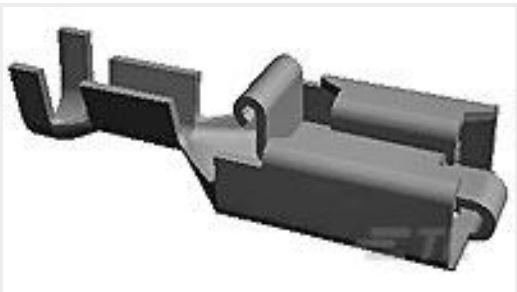
TE Part #175411-1
110 PL REC. 24-20AWG PTBR



TE Part #174777-1
PL 110 REC 20-16 AWG 0.25 X 10.4 PTBR



TE Part #173724-1
187 PL EX REC. 20-14AWG PTBR



TE Part #154718-3
PL 250 REC 0.7-2.0 MM2 0.406 TPBR



TE Part #964280-2
JPT A REC 2.8 Contact SRC Sn

Documents



Product Drawings

PL 250 HOUSING BLACK NYLON

English

CAD Files

Customer View Model

ENG_CVM_CVM_520961-1_AA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_520961-1_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_520961-1_AA.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

Application Specification

English

Agency Approvals

UL Report

English