

521120-6 ✓ ACTIVE



Positive Lock | Mark III, Positive Lock 250

TE Internal #: 521120-6

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

Dimensions

.392 in

Packaging Features

Packaging Quantity

1

Packaging Method

Carton

Mechanical Attachment

Mating Alignment Type

Polarization

Mating Retention Type

Latch

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

Primary Product Color	Black
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Contact Features

Terminal Type	Receptacle
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Terminal Orientation	Straight
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Contact Mating Retention	With
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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-2
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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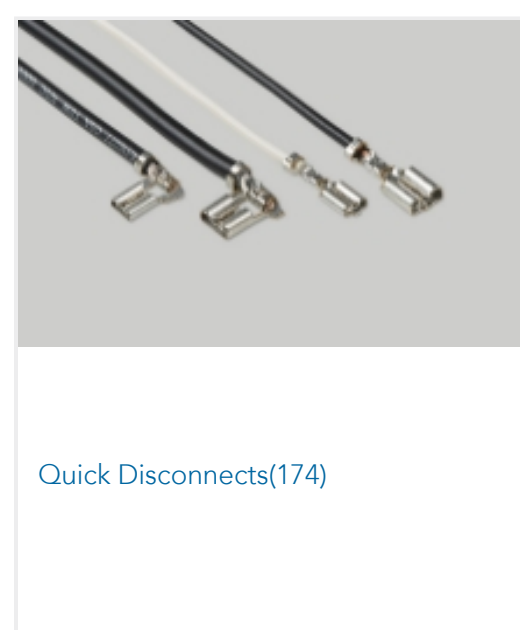
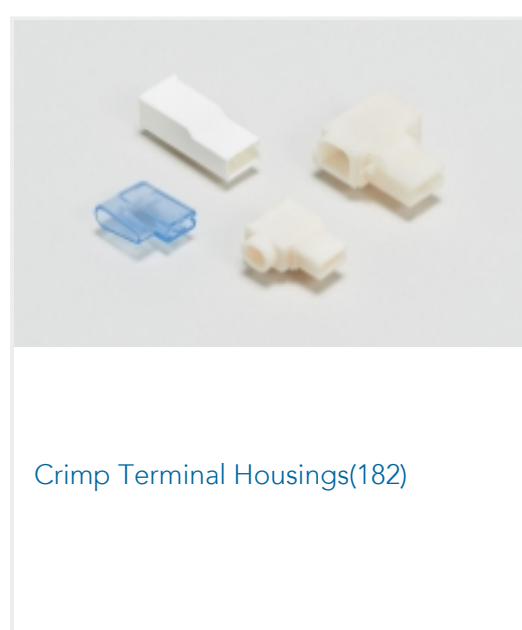
Product Compliance Disclaimer

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>

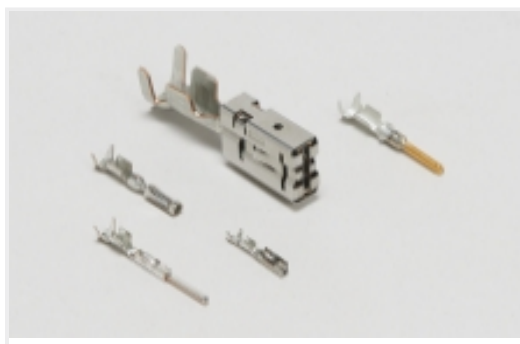
Compatible Parts



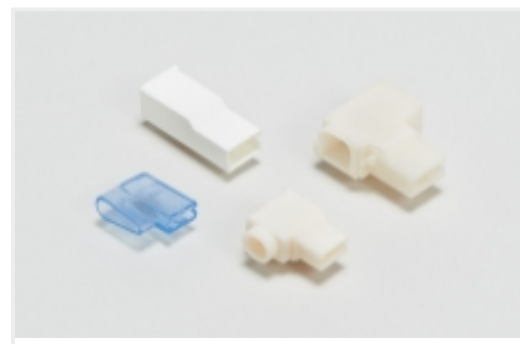
Also in the Series | Mark III



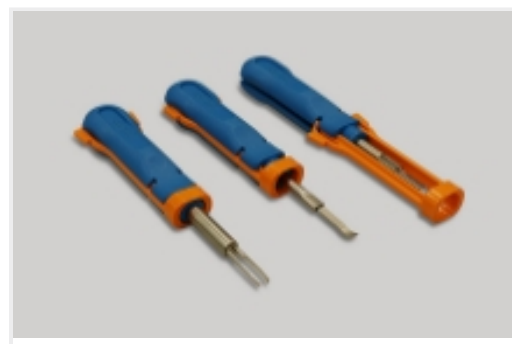
Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(182)



Insertion & Extraction Tools(3)

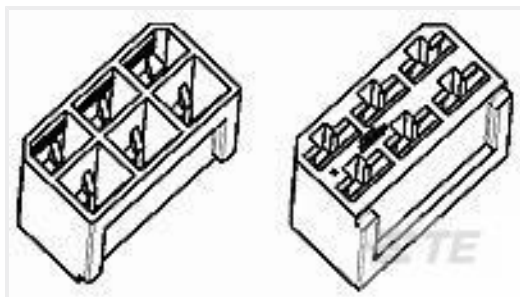


Insulation Boots & Sleeves(5)

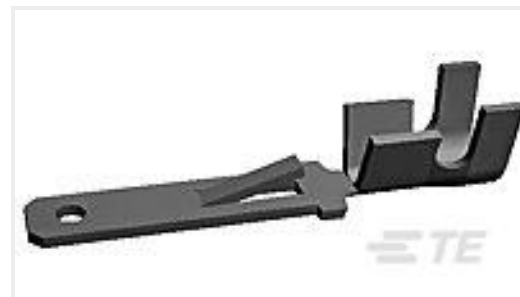


Quick Disconnects(174)

Customers Also Bought



TE Part #280314
FF 250 REC HSG 6P NYLON CLEAR



TE Part #42460-2
FF 250 TAB 18-14AWG TPBR

Documents

Product Drawings

[PL 250 HOUSING RECEPTACLE NYLON 4/6](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_521120-6_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521120-6_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_521120-6_V.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

3-POS. POSITIVE LOCK TRIAC CONNECTOR

English

3-POS. POSITIVE LOCK TRIAC CONNECTOR

Japanese

Product Specification

Japanese

Agency Approvals

UL Report

English