

521198-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 187](#)

TE Internal #: 521198-1

Crimp Terminal Housings, Receptacle, Receptacle, 3 Position, Straight, UL 94V-2, Natural, Nylon, Contact Mating Retention, Positive Lock 187

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



Terminal Type: **Receptacle**

Connector & Housing Type: **Receptacle**

Number of Positions: **3**

Terminal Orientation: **Straight**

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

## Features

### Product Type Features

Sealable	No
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle

### Configuration Features

Number of Positions	3
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### Body Features

Primary Product Color	Natural
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### Contact Features

Terminal Type	Receptacle
Terminal Orientation	Straight
Contact Mating Retention	With

### Mechanical Attachment



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

### Housing Features

Housing Material	Nylon
Centerline (Pitch)	6.07 mm, 7.82 mm [.239 in] [.308 in]

### Dimensions

Product Length	9.53 mm [.375 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	500
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1217114-2  
187 PL MKIII REC. 18-14AWG TPBR



TE Part # 1217113-2  
187 PL MKIII REC. 22-18AWG TPBR



TE Part # 1217097-2  
PL 187 TERMINAL REC 22-18 AWG TPBR

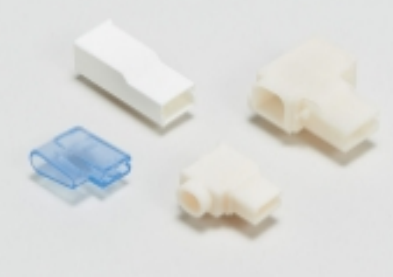


TE Part # 1217096-1  
REC 187 POS LOC 18-14 014 BR




TE Part # 1217114-1  
REC 187 POS-LOC MKIII BR 18-14


## Also in the Series | Positive Lock 187




Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(57)

## Customers Also Bought



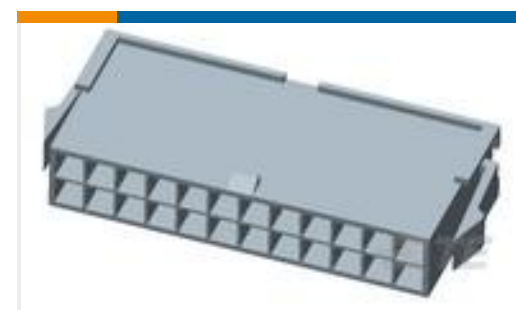
TE Part #8-1971775-3  
PTL 2X3 CAP PANEL MT HIGH TEMP  
KEY D NAT



TE Part #8-1971776-3  
PTL 2X3 PLUG HSG HIGH TEMP KEY  
D NAT



TE Part #EG8142-000  
RNF-100-3/32-WH-85MM



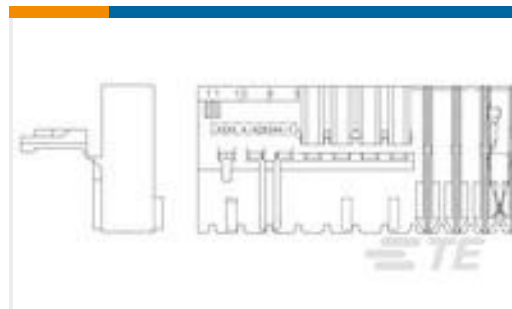
TE Part #1-1969605-8  
18P PM PLUG VAL-U-LOK PM GW



TE Part #1969655-1  
250 FASTON HSG.,REC.,1 POS,  
NATURAL



TE Part #2151025-2  
OCEAN\_2.0\_APPLICATOR-S-090F200F



TE Part #2178930-3  
3P STD TIMER GEH V0 GWT



TE Part #453838-1  
CRIMPER, WIRE-VAR WIDTH-F



TE Part #CV7318-000  
VERSAFIT-1/4-4-1IN



TE Part #2-2150198-2  
OCEAN\_2.0\_Applicator-E-210F2500

## Documents

### Product Drawings

[HSG.REC.POS-LOK.187 NAT.](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_521198-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_521198-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_521198-1\\_A.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

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### Product Specifications

#### Application Specification

English

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### Product Environmental Compliance

[MD\\_521198-1\\_060720181011\\_dmtec](#)

English

[MD\\_521198-1\\_060720181011\\_dmtec](#)

English