

173974-6 ✓ ACTIVE

Positive Lock | Positive Lock 187

TE Internal #: 173974-6

Crimp Terminal Housings, Receptacle, Receptacle, 1 Position,
Straight, UL 94V-0, Blue, Nylon, Contact Mating Retention, Positive
Lock 187

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



Terminal Type: **Receptacle**

Housing Type: **Receptacle**

Number of Positions: **1**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

| | |
|------------------|-----------------------------|
| Terminates To | Wire & Cable |
| Product Type | Terminal Housing |
| Sealable | No |
| Connector System | Wire-to-Board, Wire-to-Wire |
| Housing Type | Receptacle |
| Insulated | No |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 1 |
|---------------------|---|

Body Features

| | |
|-----------------------|------|
| Primary Product Color | Blue |
|-----------------------|------|

Contact Features

| | |
|--------------------------|------------|
| Terminal Type | Receptacle |
| Terminal Orientation | Straight |
| Contact Mating Retention | With |



Mechanical Attachment

| | |
|---------------------------------------|----------------------------|
| Mating Alignment Type | Polarization |
| Mating Alignment | With |
| Crimp Terminal Housing Mounting Style | Cable Mount (Free-Hanging) |

Housing Features

| | |
|------------------|-------|
| Housing Material | Nylon |
|------------------|-------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

Product Compliance

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

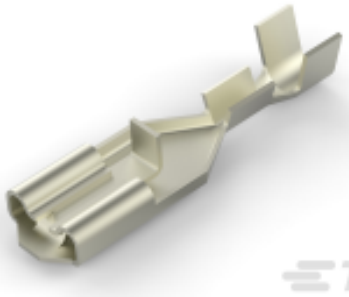
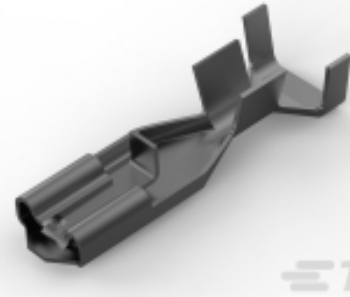
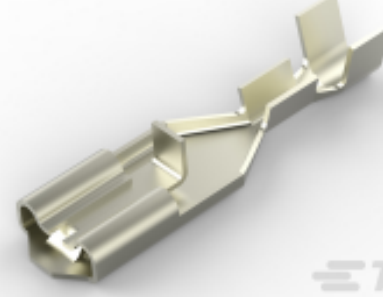
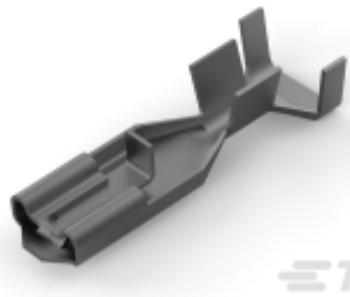
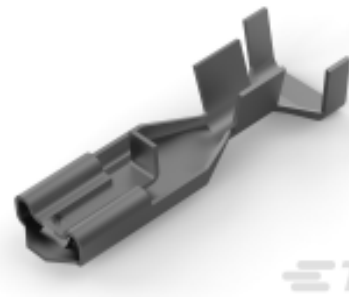
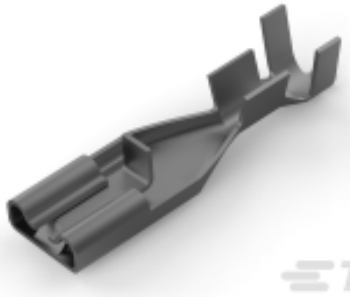
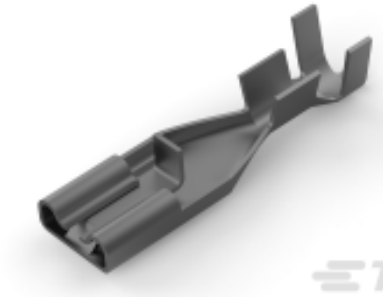
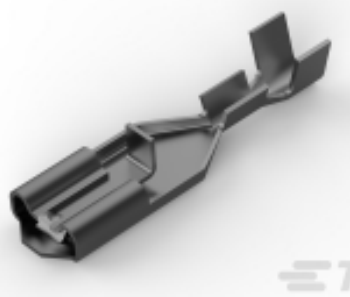

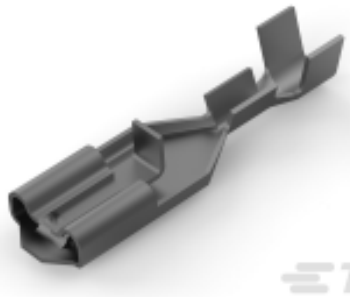
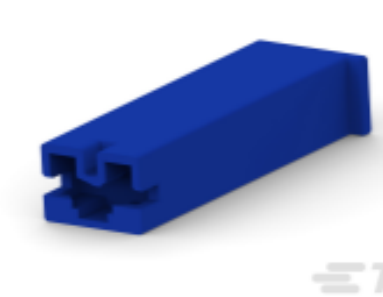
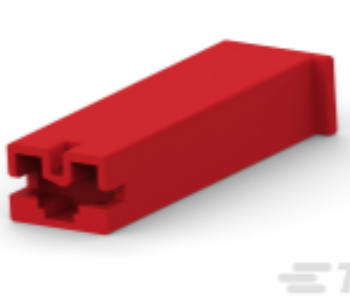
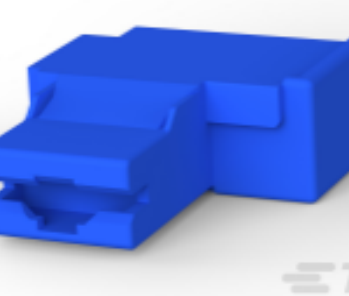
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

| | | | |
|--|---|--|--|
|  <p>TE Part # 170330-2 PL 187 RECEPTACLE 24-20 AWG NPPHBZ</p> |  <p>TE Part # 170332-1 PL 187 RECEPTACLE 18-14 AWG PTPBR</p> |  <p>TE Part # 170324-2 PL 187 RECEPTACLE 24-20 AWG 0.3 NPCU</p> |  <p>TE Part # 170326-5 187 PL MKII REC. 18-14AWG PTPB</p> |
|  <p>TE Part # 170326-1 187 PL MKII REC. 18-14AWG PTBR</p> |  <p>TE Part # 170325-5 187 PL MKII REC. 20-16AWG PTBR</p> |  <p>TE Part # 170325-1 187 PL MKII REC. 20-16AWG PTBR</p> |  <p>TE Part # 170324-1 187 PL MKII REC. 24-20AWG PTBR</p> |
|  <p>TE Part # 170331-1 PL MKII 187 REC 20-16AWG PTBR LP</p> |  <p>TE Part # 170330-1 PL MKII 187 REC 24-20AWG PTBR LP</p> |  <p>TE Part # 3-173974-6 PL MKII 187 REC HSG 1P NYLON GWT BLU</p> |  <p>TE Part # 3-173974-7 PL MKII 187 REC HSG 1P NYLON GWT RED</p> |
|  <p>TE Part # 368612-2 POSITIVE LOCK 250 TERMINAL-FLAG</p> | | | |

Also in the Series | **Positive Lock 187**



Crimp Terminal Housings(87)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(56)

Documents

Product Drawings

PL MKII 187 REC HSG 1P NYLON BLUE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_173974-6_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_173974-6_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_173974-6_P.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

187 SERIES POSITIVE LOCK MARK-II CONNECTOR

Japanese

Product Specification

Japanese

Product Specification

English

JAPANESE

English

Product Environmental Compliance

MD_173974-6_04032015235_dmtec

English

173974-6

Crimp Terminal Housings, Receptacle, Receptacle, 1 Position, Straight, UL 94V-0,
Blue, Nylon, Contact Mating Retention, Positive Lock 187



[MD_173974-6_04032015235_dmtec](#)

English