

175032-1 ✓ ACTIVE



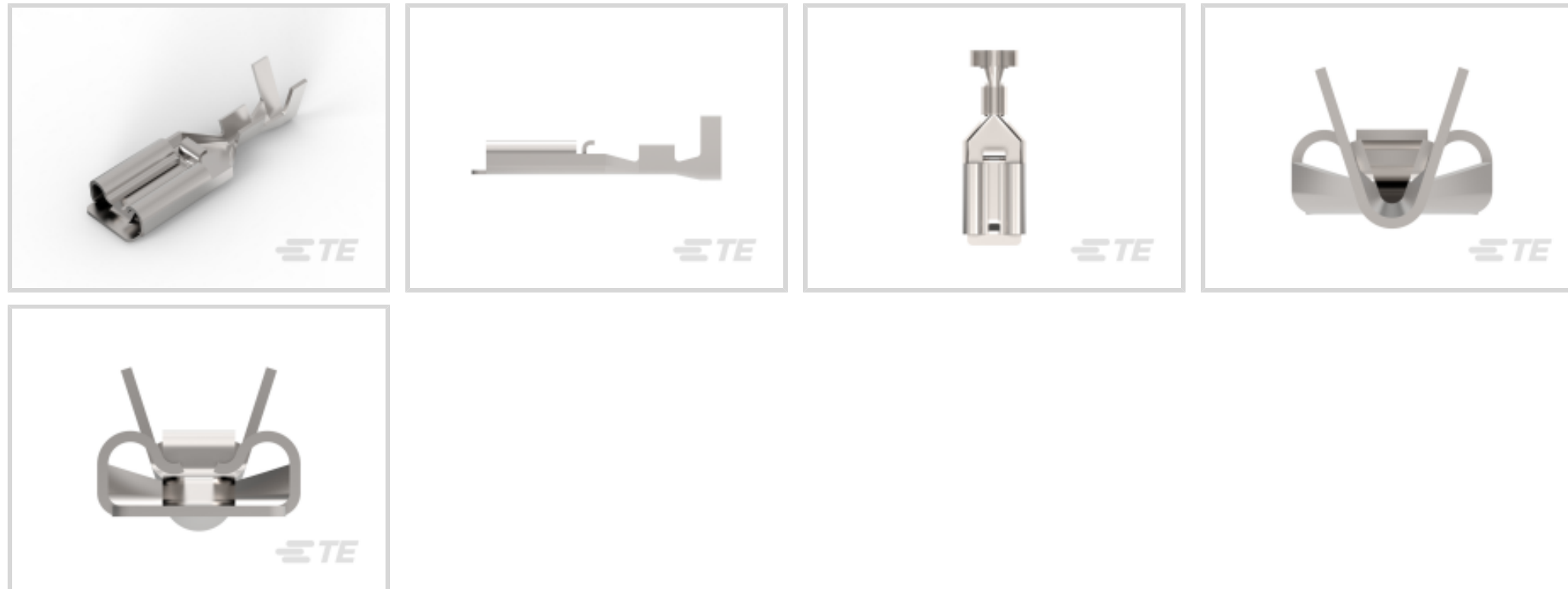
Positive Lock | Positive Lock 187

TE Internal #: 175032-1

Receptacle, 26 – 20 AWG Wire Size, .13 – .52 mm² Wire Size,
Mating Tab Width 4.75 mm [.187 in], Straight, Positive Lock 187,
Quick Disconnects

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .13 – .52 mm²

Mating Tab Width: 4.75 mm [.187 in]

Mating Tab Thickness: .51 mm [.02 in]

Features

Contact Features

| | |
|--------------------------------|-------------------|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 4.75 mm [.187 in] |
| Mating Tab Thickness | .51 mm [.02 in] |
| Terminal Orientation | Straight |
| Contact Base Material | Stainless Steel |
| Terminal Plating Material | Unplated |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

Dimensions

| | |
|--------------------------------------|-------------------------------|
| Wire Size | .13 – .52 mm ² |
| Product Length | 17.2 mm [.68 in] |
| Compatible Insulation Diameter Range | 1.3 – 3.6 mm [.051 – .141 in] |
| Terminal Material Thickness | .3 mm [.012 in] |

Packaging Features

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| Packaging Method | Strip/Reel |
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|--------------------|------|
| Packaging Quantity | 6000 |
|--------------------|------|

Product Type Features

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|-----------------|-----|
| Insertion Force | Low |
|-----------------|-----|

Usage Conditions

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|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

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|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 250 °C[-40 – 482 °F] |
|-----------------------------|----------------------------|

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|

| | |
|-------------------|-----------|
| EU ELV Compliance | Compliant |
|-------------------|-----------|

Configuration Features

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|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Termination Features

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|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Mechanical Attachment

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|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

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|-----------------------|--------|
| Mating Retention Type | Dimple |
|-----------------------|--------|

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|------------------|---------------|
| Extraction Force | .7 – 10.2 kgf |
|------------------|---------------|

Industry Standards

| | |
|---|----|
| Compatible With Agency/Standards Products | UL |
|---|----|

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 |
|-----------------|---|

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|---------------------------|--|
| 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 # 1-172210-1
187 HSG. PL MKII REC. 6mm 2P NAT



TE Part # 1743058-1
PL 187 REC 22-16 AWG 0.3 X 22.8 PTBR

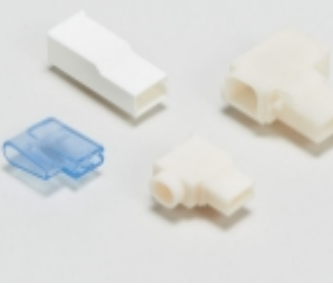


TE Part # 2150047-2
OCEAN_2.0_Applicator-E-062F140F-REA




TE Part # 7-2150047-7
OCEAN_2.0_SPARE_PART_KIT-062F140F

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 #5-1971876-3
PTL 3X3 PLUG HSG HIGH TEMP KEY A LGR



TE Part #316089-1
STD Temp Signal Double Lock Cap



TE Part #917692-1
STD Temp Signal Double Lock Plug



TE Part #917765-1
2.5 SIGNAL D/LOCK TAB CONT. M



Documents

Product Drawings

[PL 187 REC 26-20 AWG 0.30 X 14.0 SS](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_175032-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_175032-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_175032-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Positive Lock Receptacles](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

[POSITIVE LOCK EX CONTACT](#)

English