

179974-1 ✓ ACTIVE

Positive Lock | Positive Lock 250

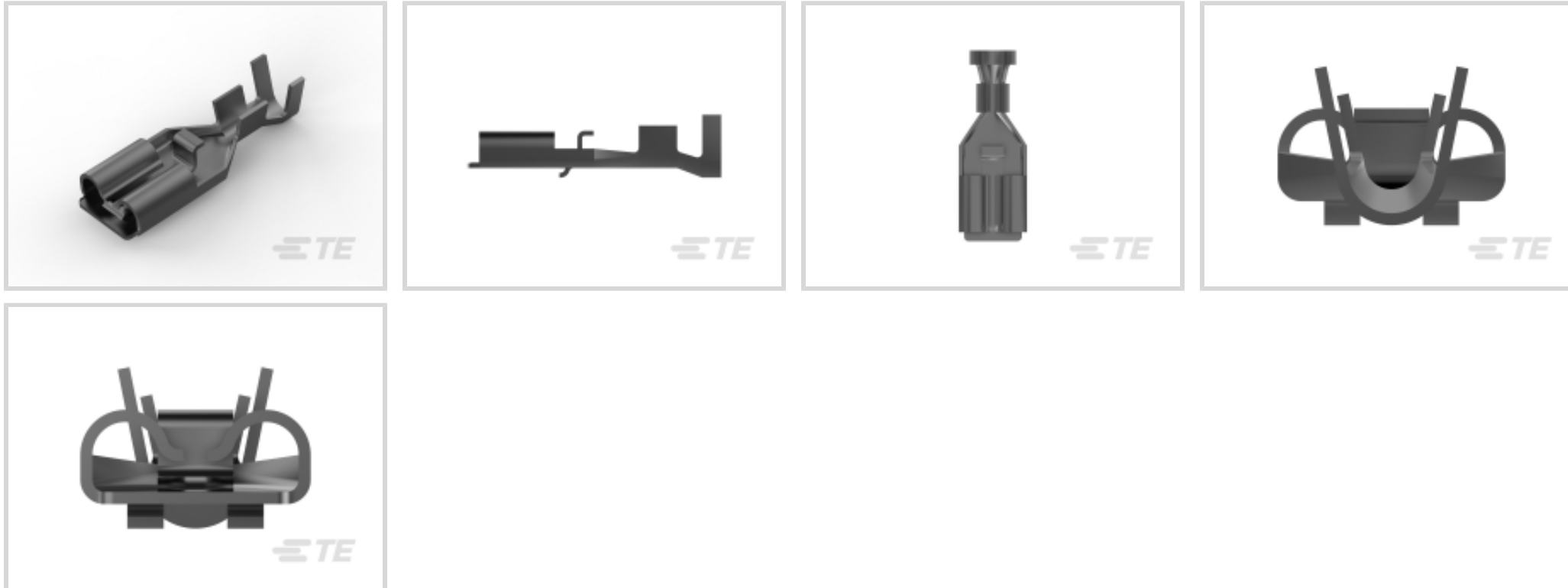
TE Internal #: 179974-1

Quick Disconnect Receptacle, 18 – 14 AWG, .82 – 2.08 mm² Wire, 6.35 mm [.25 in] Tab Width, Straight, Brass, Pre-Tin Plating, Positive Lock 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .82 – 2.08 mm²

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .81 mm [.032 in]

Features

Industry Standards

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

Termination Features

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

Configuration Features

| | |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Connection Capacity | Single |

Mechanical Attachment

| | |
|-------------------------|------------|
| Wire Insulation Support | With |
| Mating Retention Type | Dimple |
| Extraction Force | .6 – 3 kgf |

Packaging Features

| | |
|--------------------|------------|
| Packaging Quantity | 4500 |
| Packaging Method | Strip/Reel |

Dimensions



| | |
|--------------------------------------|-------------------------------|
| Product Length | 21.2 mm[.834 in] |
| Compatible Insulation Diameter Range | 2.21 – 3.4 mm[.087 – .134 in] |
| Terminal Material Thickness | .41 mm[.016 in] |
| Wire Size | .82 – 2.08 mm ² |

Product Type Features

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

Contact Features

| | |
|--------------------------------|-----------------|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 6.35 mm[.25 in] |
| Mating Tab Thickness | .81 mm[.032 in] |
| Terminal Orientation | Straight |
| Contact Base Material | Brass |
| Terminal Plating Material | Pre-Tin |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Insulation Option | Uninsulated |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

Other

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

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 |

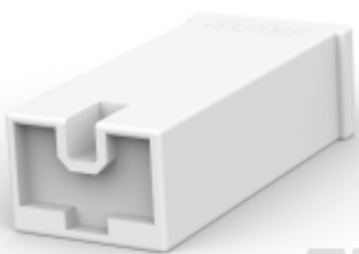
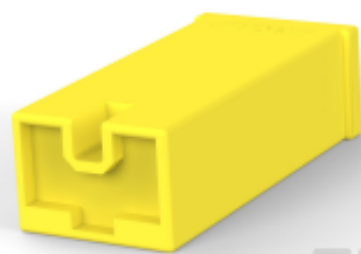
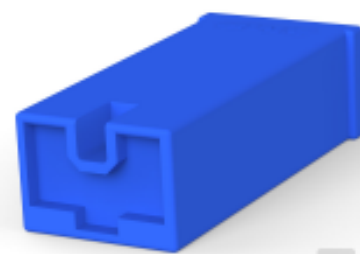
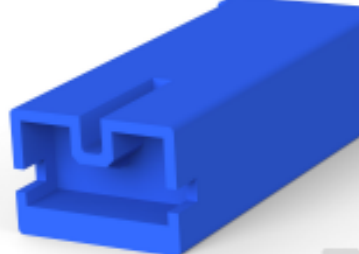

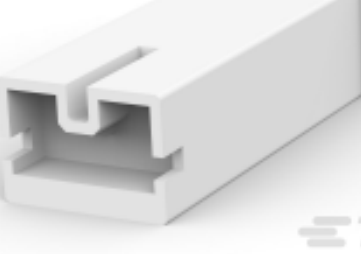
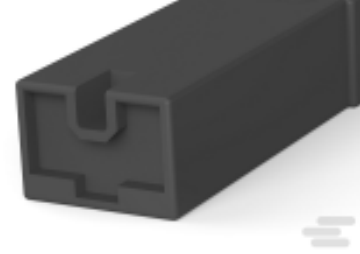

Solder Process Capability

Not applicable for solder process capability

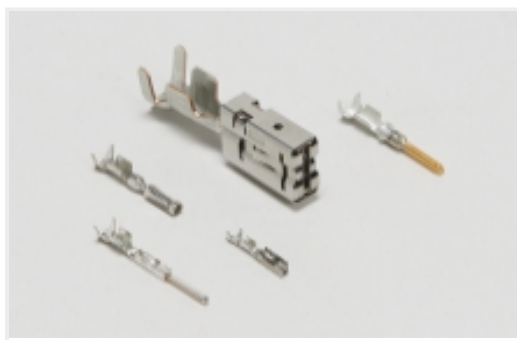
Product Compliance Disclaimer

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>

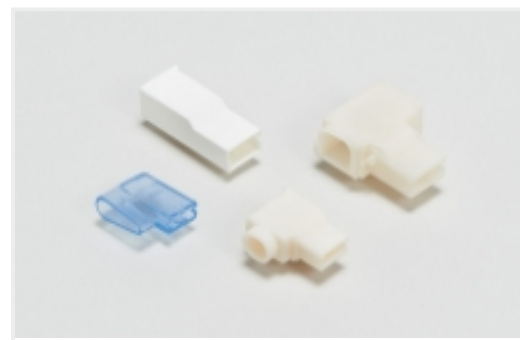
Compatible Parts

| | | | |
|--|---|---|--|
|  <p>TE Part # 179970-1 250 HSG. PL EX REC.</p> |  <p>TE Part # 179970-4 PL EXII 250 REC HSG 1P NYLON YELLOW</p> |  <p>TE Part # 179970-6 PL EXII 250 REC HSG 1P NYLON BLUE</p> |  <p>TE Part # 1-1318954-6 PL EXII 250 REC HSG 1P NYLON BLUE</p> |
|  <p>TE Part # 179970-2 PL EXII 250 REC HSG 1P NYLON RED</p> |  <p>TE Part # 1318954-1 250 HSG. PL EX REC. NAT</p> |  <p>TE Part # 3-179970-1 PL EXII 250 REC HSG 1P NYLON NAT WITH</p> |  <p>TE Part # 7-2150057-7 OCEAN_2.0_SPARE_PART_KIT-110F180F</p> |
|  <p>TE Part # 2150057-2 OCEAN_2.0_APPLICATOR-E-110F180F-REA</p> |  <p>TE Part # 1-1318954-1 PL EXII 250 REC HSG 1P NYLON NAT</p> |  <p>TE Part # 179970-9 PL EXII 250 REC HSG 1P NYLON BLACK</p> |  <p>TE Part # 1939581-1 250 HSG. PL EX REC. 15mm 2P NAT</p> |

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)

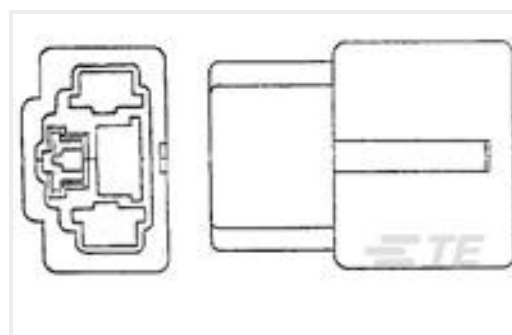
Customers Also Bought



TE Part #2232343-1
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part #170140-2
187 FASTON,FLAG,REC.,16-20 AWG, TPBR



TE Part #176773-5
FF 250 CAP HSG 3P NYLON NAT



TE Part #41802
250 FASTON FLAG REC 18-12 AWG TPBR



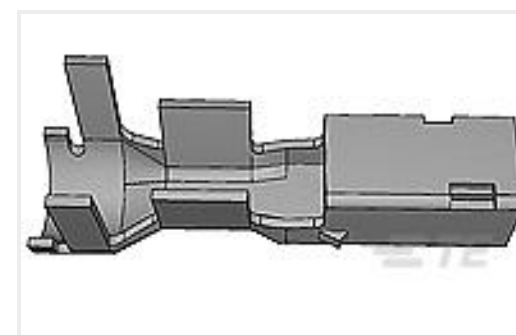
TE Part #170326-1
187 PL MKII REC. 18-14AWG PTBR



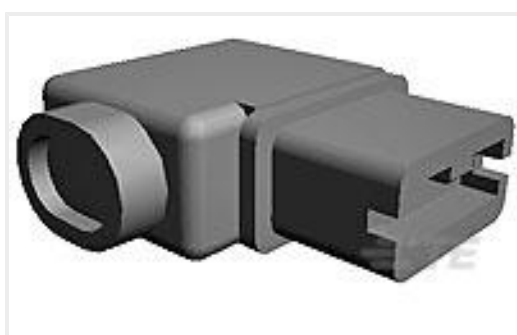
TE Part #2-172132-1
FF 250 PLUG HSG 3P NYLON NAT



TE Part #2232902-1
AMP POWER DBL LOCK REC (S)



TE Part #1376347-1
5MM POWER KEY CONN REC CONT L



TE Part #1-176497-9
PL EX SLEEVE 250 FLAG BLACK 6/6 NYLON



TE Part #1-172129-1
250 FASTON HSG, CAP 2P NATURAL

Documents



Product Drawings

250 PL EX REC. 18-14AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_179974-1_J1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179974-1_J1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179974-1_J1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Instruction Sheets

POSITIVE LOCK EX-II CONNECTORS, INSTRUCTION SHEET

Japanese

Instruction Sheet (non U.S.)

English

Agency Approvals

UL Report

English
