



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .32 – .82 mm²

Mating Tab Width: **6.35 mm** [.25 in]

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

Features

Product Type Features

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

Configuration Features

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

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            |

Termination Features

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



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

Mechanical Attachment

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

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Product Length                       | 21.2 mm[.834 in]             |
| Compatible Insulation Diameter Range | 1.5 – 3.1 mm[.059 – .122 in] |
| Terminal Material Thickness          | .41 mm[.016 in]              |
| Wire Size                            | .32 – .82 mm²                |

Usage Conditions

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

Industry Standards

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 5000       |
| Packaging Method   | Strip/Reel |

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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



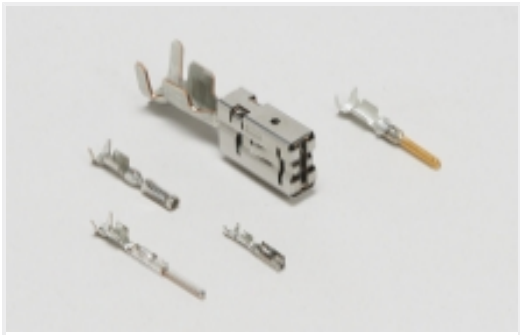
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

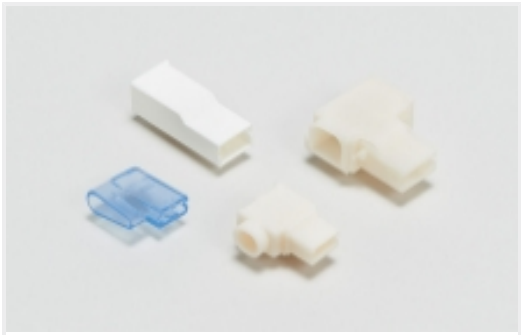
|                                                                    |                                                                   |                                                                   |                                                                       |
|--------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------|
| <p>TE Part # 2150040-2<br/>OCEAN_2.0_Applicator-E-080F140F-REA</p> | <p>TE Part # 1-1318954-1<br/>PL EXII 250 REC HSG 1P NYLON NAT</p> | <p>TE Part # 179970-9<br/>PL EXII 250 REC HSG 1P NYLON BLACK</p>  | <p>TE Part # 7-2150040-7<br/>OCEAN_2.0_SPARE_PART_KIT-080F140F</p>    |
| <p>TE Part # 179970-6<br/>PL EXII 250 REC HSG 1P NYLON BLUE</p>    | <p>TE Part # 179970-1<br/>250 HSG. PL EX REC.</p>                 | <p>TE Part # 179970-4<br/>PL EXII 250 REC HSG 1P NYLON YELLOW</p> | <p>TE Part # 1318954-6<br/>250 HSG. PL EX REC. BLUE</p>               |
| <p>TE Part # 1-1318954-6<br/>PL EXII 250 REC HSG 1P NYLON BLUE</p> | <p>TE Part # 179970-2<br/>PL EXII 250 REC HSG 1P NYLON RED</p>    | <p>TE Part # 1318954-1<br/>250 HSG. PL EX REC. NAT</p>            | <p>TE Part # 3-179970-1<br/>PL EXII 250 REC HSG 1P NYLON NAT WITH</p> |
| <p>TE Part # 1939581-1<br/>250 HSG. PL EX REC. 15mm 2P NAT</p>     |                                                                   |                                                                   |                                                                       |



Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(177)



Insertion & Extraction Tools(3)

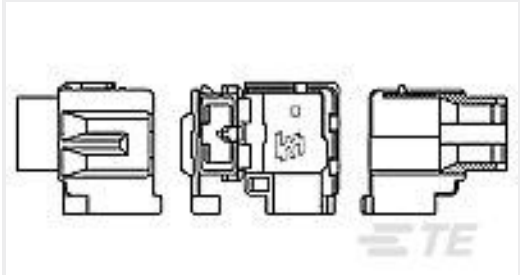


Insulation Boots & Sleeves(5)

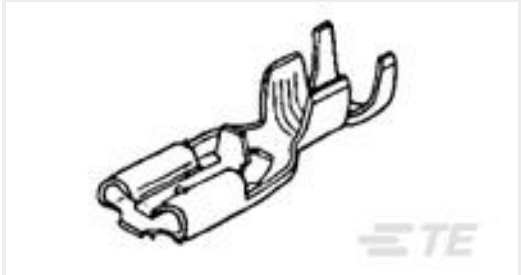


Quick Disconnects(173)

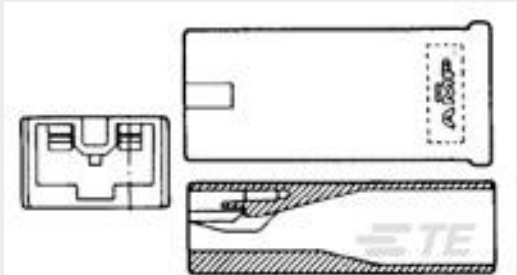
Customers Also Bought



TE Part #2013799-1  
250 HSG. PL EX REC. BLACK



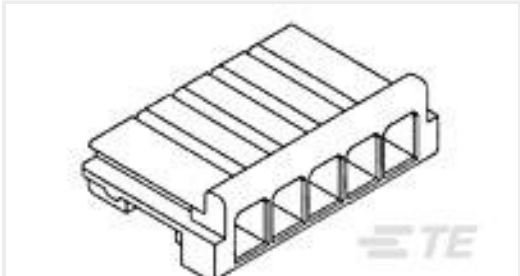
TE Part #170326-1  
187 PL MKII REC. 18-14AWG PTBR



TE Part #179970-4  
PL EXII 250 REC HSG 1P NYLON YELLOW



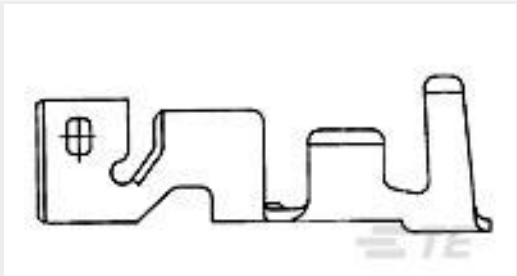
TE Part #1903414-1  
GHC 9.0 3POS PLUG HSG



TE Part #1-92009-0  
RCPT HSG METRIC INTERCONN SYS



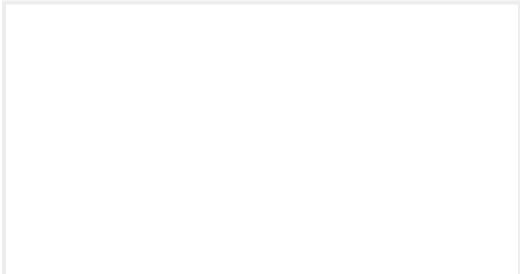
TE Part #41802  
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #92007-1  
CMPSNP CONT. METINTERCONN SYS.



TE Part #5-179463-1  
POWER DBL LOCK CAP HSG F/H 2P (GWT)



TE Part #2108798-1  
CLUSTER BLOCK 3P CLIP TPA HSG



TE Part #170046-2  
250 FASTON,REC.,16-14 AWG,TPBR



Documents

Product Drawings

250 PL EX REC. 22-18AWG PTBR

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_179973-1\_G1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_179973-1\_G1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_179973-1\_G1.3d\_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