



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.32 – .51 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       |
| Extraction Force        | .5 – 3 kgf |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Product Length                       | 22.8 mm[.89 in]              |
| Compatible Insulation Diameter Range | 1.5 – 2.4 mm[.059 – .094 in] |
| Terminal Material Thickness          | .41 mm[.016 in]              |
| Wire Size                            | .32 – .51 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   | Loose Piece/Carton |

Product Compliance

For compliance documentation, visit the product page on TE.com>

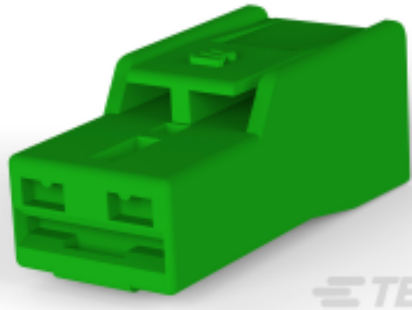
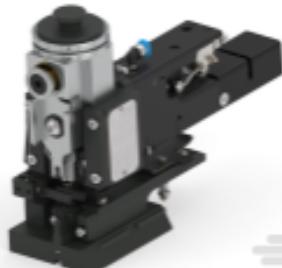
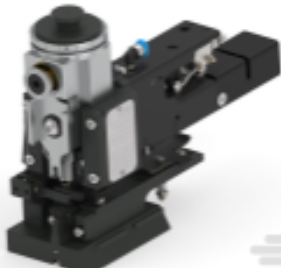
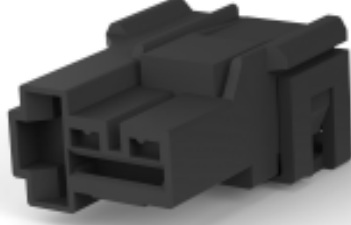
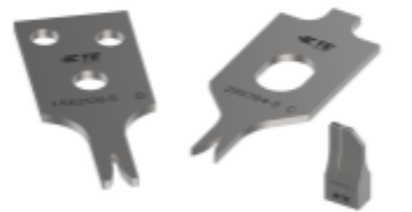
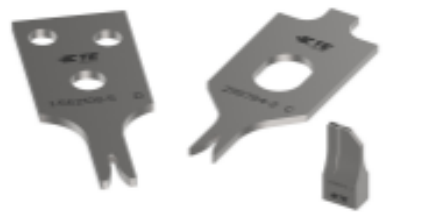
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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: 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

|                                                                                                                                                   |                                                                                                                                                   |                                                                                                                                                      |                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 172320-4<br>POSITIVE LOCK 1P GREEN                | <br>TE Part # 2150067-1<br>OCEAN_2.0_Applicator-E-070F1200-REM | <br>TE Part # 2150786-1<br>OCEAN_2.0_Applicator-E-070F1200V-REM | <br>TE Part # 172864-2<br>250 HSG. REC. 6mm 2P BLACK            |
| <br>TE Part # 172320-1<br>POSITIVE LOCK 250 (6.3 MM) HOUSING   | <br>TE Part # 724659-2<br>EXT TOOL FOR POSITIVE .250           | <br>TE Part # 2219341-1<br>250 TAB CONT FOR GLASS ANT           | <br>TE Part # 2150786-2<br>OCEAN_2.0_Applicator-E-070F1200V-REA |
| <br>TE Part # 7-2150067-7<br>OCEAN_2.0_SPARE_PART_KIT-070F1200 | <br>TE Part # 2150067-2<br>OCEAN_2.0_Applicator-E-070F1200-REA | <br>TE Part # 172320-2<br>POSITIVE LOCK 250 (6.3 MM) HOUSING    | <br>TE Part # 7-2150786-7<br>OCEAN_2.0_SPARE_PART_KIT-070F1200V |
| <br>TE Part # 172434-1<br>POSITIVE LOCK 250 (6.3 MM) HOUSING   | <br>TE Part # 172433-2<br>250 AUTOMOTIVE POSITIVE LOCK 2P      | <br>TE Part # 172434-2<br>POSITIVE LOCK 250 (6.3 MM) HOUSING    | <br>TE Part # 172863-2<br>POSITIVE LOCK (PL) .250 (6.3 MM)      |



TE Part # 9-172320-2  
POSIT LOCK HSG 1P BLACK VO94

TE Part # 174090-1  
1P POSITIVE LOCK HSG

TE Part # 174090-2  
PL .250 (6.3 MM) HOUSING

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 #2-85262-1  
E-S MK-2(+) 15P PLUG ASSY

TE Part #121397P014  
ES2000-NO.3-B8-0-65MM

TE Part #2301724-5  
16POS,060 SERIES,REC HSG,UNSLD

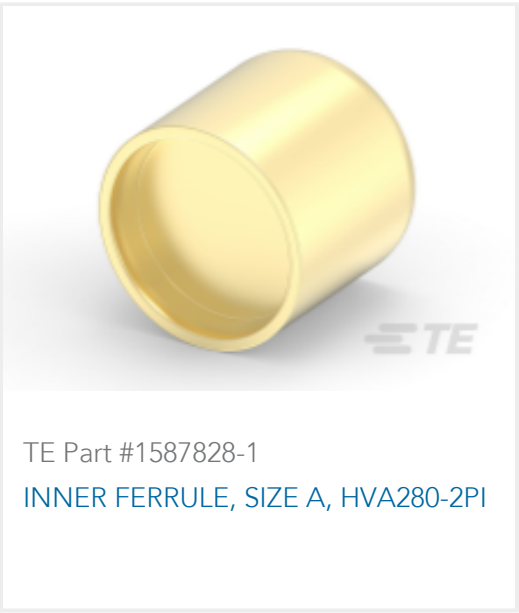
TE Part #170003-5  
SHUR PLUG 156 REC 20-14 AWG TPBR

TE Part #1-735075-5  
250 FASTON INS POST.,REC.,1 POS, BLACK

TE Part #1452839-5  
24 POS FEMALE HSG ASSY

TE Part #2372334-1  
REM0.64 Terminal

TE Part #2373977-2  
025 14P JOINT PLUG ASSY TYPE B



Documents

Product Drawings

PL 250 AUTOMOTIVE REC 22-20 AWG PRE TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_170452-2\_N.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_170452-2\_N.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_170452-2\_N.3d\_stp.zip

English

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

Product Specifications

Crimping of 250 Series, Automotive Positive Lock Receptacle Contact

English

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese