



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: 1.65 – 5.26 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        | .7 – 10.2 kgf |

Dimensions

|                                      |                            |
|--------------------------------------|----------------------------|
| Product Length                       | 21.2 mm[.834 in]           |
| Compatible Insulation Diameter Range | 3 – 4.3 mm[.118 – .169 in] |
| Terminal Material Thickness          | .41 mm[.016 in]            |
| Wire Size                            | 1.65 – 5.26 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 | 4000       |
| Packaging Method   | Strip/Reel |

Product Compliance

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

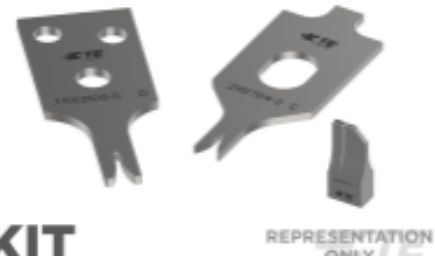
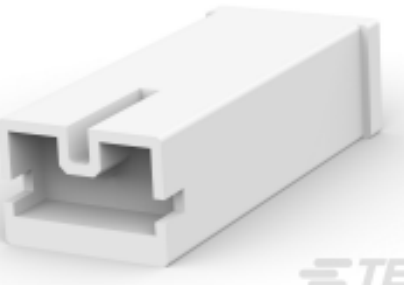
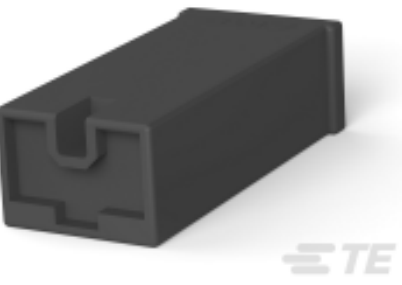
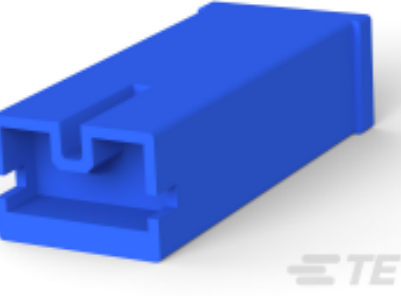
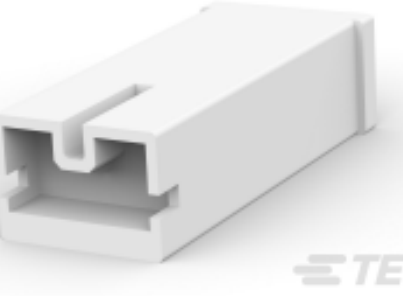
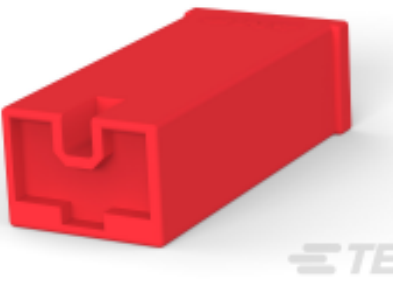
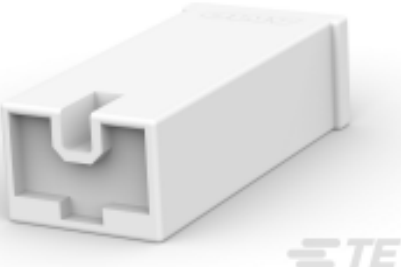
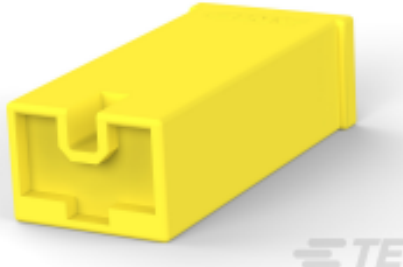
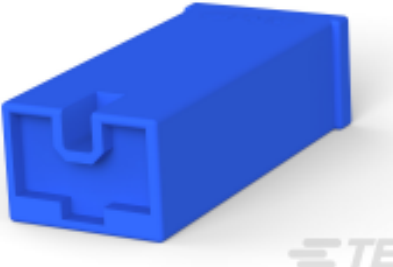
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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><b>KIT</b></p> <p>REPRESENTATION ONLY</p> |   |   |   |
| TE Part # 7-2150062-7<br>OCEAN_2.0_SPARE_PART_KIT-150F220F                                                                      | TE Part # 1939581-1<br>250 HSG. PL EX REC. 15mm 2P NAT                              | TE Part # 2150062-2<br>OCEAN_2.0_Applicator-E-150F220F-REA                            | TE Part # 1-1318954-1<br>PL EXII 250 REC HSG 1P NYLON NAT                             |
|                                              |  |  |  |
| TE Part # 179970-9<br>PL EXII 250 REC HSG 1P NYLON BLACK                                                                        | TE Part # 1-1318954-6<br>PL EXII 250 REC HSG 1P NYLON BLUE                          | TE Part # 1318954-1<br>250 HSG. PL EX REC. NAT                                        | TE Part # 179970-2<br>PL EXII 250 REC HSG 1P NYLON RED                                |
|                                              |  |  |  |
| TE Part # 3-179970-1<br>PL EXII 250 REC HSG 1P NYLON NAT WITH                                                                   | TE Part # 179970-1<br>250 HSG. PL EX REC.                                           | TE Part # 179970-4<br>PL EXII 250 REC HSG 1P NYLON YELLOW                             | TE Part # 179970-6<br>PL EXII 250 REC HSG 1P NYLON BLUE                               |

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



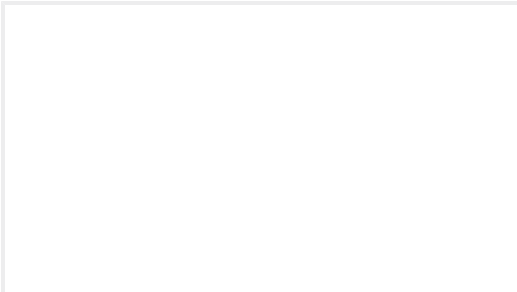
TE Part #1827395-1  
GIC 3.3 REC CONTACT TIN PLATE



TE Part #2232575-1  
2.5 SIGNAL D/LOCK TAB CONT. M



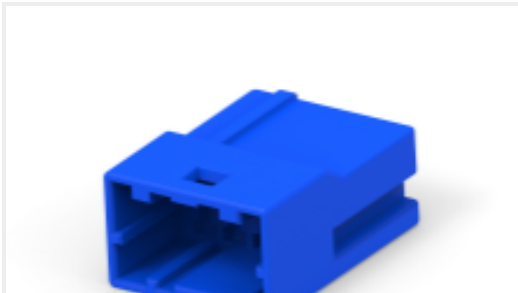
TE Part #2232574-1  
GIC 2.5 W CAP HSG 4P NATURAL



TE Part #2174298-1  
5mm POWER KEY 3P HDR ASSEMBLY



TE Part #1376386-2  
5mm B-T-W Conn. 4P(2row) HDR A



TE Part #2-2232574-3  
GIC 2.5 W CAP HSG 4P BLUE



TE Part #3-1376386-5  
5mm B-T-W Conn. 4P(2row) HDR A



TE Part #1-1376382-3  
5MM B-T-W CONN. 2P HDR ASSEMBL (W/O GF)



TE Part #1376382-2  
5MM B-T-W CONN. 2P HDR ASSEMBL (W/O GF)



TE Part #2-1376382-4  
5.0 PK CONN. 2P HDR ASSY(W/O GF) - BLUE

Documents



Product Drawings

250 PL EX REC. 15-10AWG PTBR

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_179975-1\_G1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_179975-1\_G1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_179975-1\_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

Agency Approvals

UL Report

English