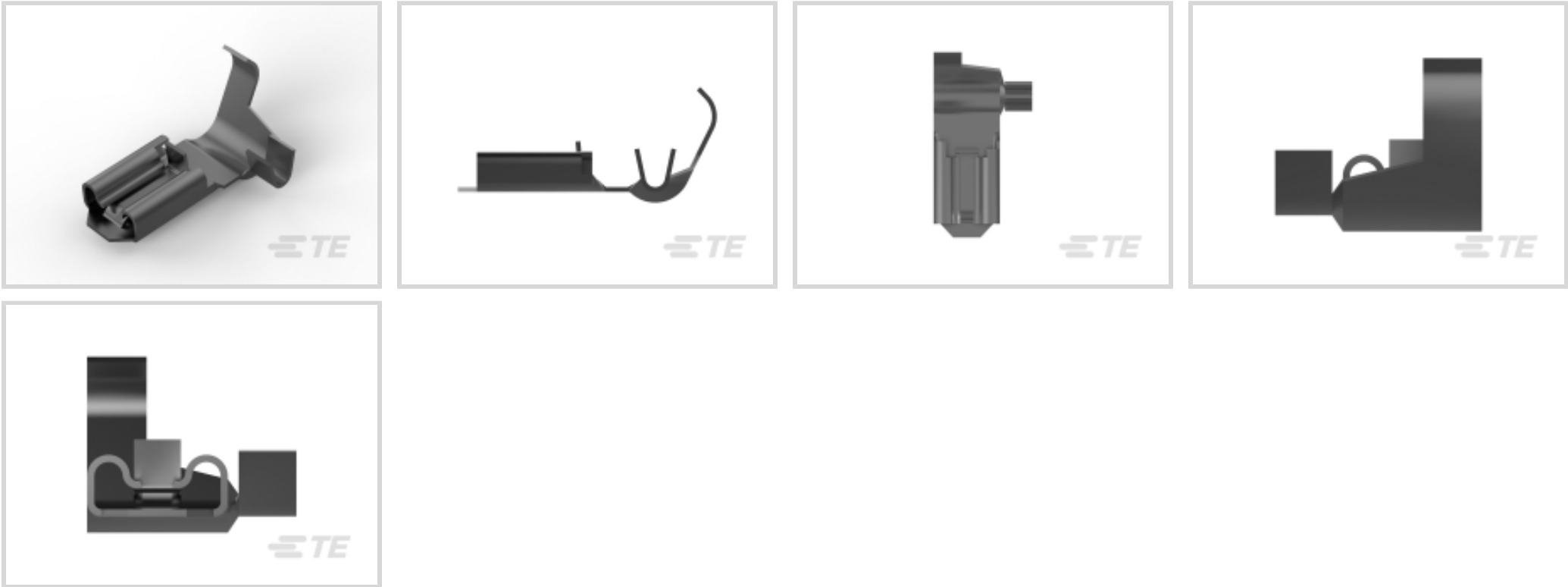




Terminals & Splices > Quick Disconnects



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

Configuration Features

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

Contact Features

|                                |                 |
|--------------------------------|-----------------|
| Quick Disconnect Terminal Type | Receptacle      |
| Mating Tab Width               | 6.35 mm[.25 in] |
| Mating Tab Thickness           | .81 mm[.032 in] |
| Terminal Orientation           | Flag            |
| 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 |
|-------------------------|------|

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .41 mm[.016 in]             |
| Product Length                       | 21.6 mm[.85 in]             |
| Compatible Insulation Diameter Range | 2.8 - 5.2 mm[.11 - .208 in] |
| Wire Size                            | .82 - 2.08 mm <sup>2</sup>  |

Usage Conditions

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 2000       |
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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

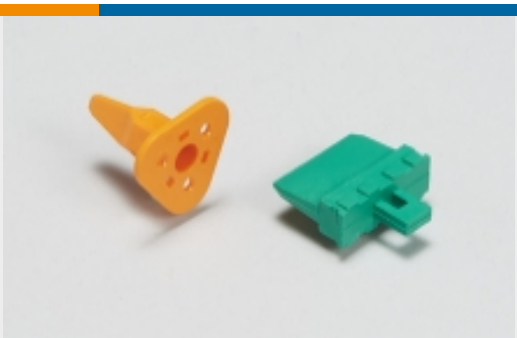
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 172469-1<br/>POSITIVE LOCK 250 (6.3 MM)<br/>HOUSING</p> |  <p>TE Part # 1-172469-2<br/>PL 250 (6.3 MM) HOUSING BLUE 6/6<br/>NYLON</p> |  <p>TE Part # 1-172469-1<br/>PL 250 HOUSING NATURAL 6/6<br/>NYLON</p> |  <p>TE Part # 172469-8<br/>PL MKII 250 REC HSG 1P NYLON<br/>BLCBK FLAG</p> |
|  <p>TE Part # 1855184-1<br/>HDM w/FA EAPR110F170O LM &amp; G</p>     |  <p>TE Part # 1855184-2<br/>HDM w/FA EAPR110F170O K</p>                    |  <p>TE Part # 2150856-2<br/>OCEAN_2.0_Applicator-E-110F173O</p>      |  <p>TE Part # 7-2150856-7<br/>OCEAN_2.0_SPARE_PART_KIT-<br/>110F173O</p>  |
|  <p>TE Part # 7-2150856-2<br/>OCEAN_2.0_Applicator-E-110F173O</p>   |                                                                                                                                                               |                                                                                                                                                          |                                                                                                                                                               |

Also in the Series | Mark II

|                                                                                                                                                       |                                                                                                                     |                                                                                                                       |                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Automotive Connector Locks &amp;<br/>Position Assurance(1)</p> |  <p>Automotive Housings(21)</p> |  <p>Automotive Terminals(18)</p> |  <p>Connector Seals &amp; Cavity Plugs(1)</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|



Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)



Other Automotive Connector Accessories(4)



Quick Disconnects(57)

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(192)



Insertion & Extraction Tools(3)

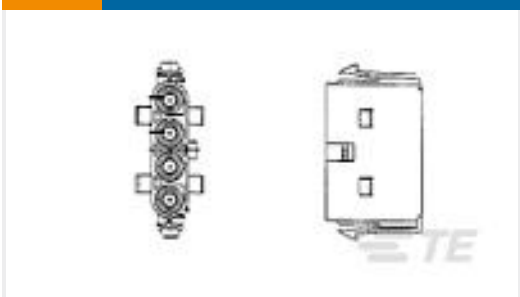


Insulation Boots & Sleeves(4)



Quick Disconnects(186)

Customers Also Bought



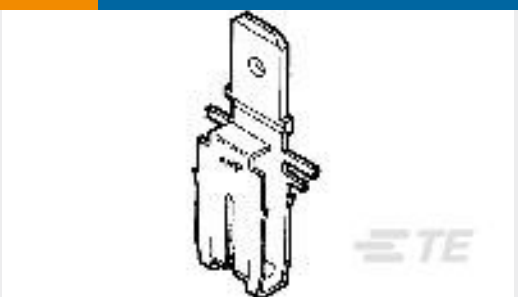
TE Part # 794118-1  
04P .156 MNL CAP PANEL MOUNT



TE Part # 41711  
RING TERMINAL 22-18 AWG TPBR



TE Part # 521955-1  
PL MKIII 250 REC HSG 2P NYLON NAT



TE Part # 63816-1  
TAB, MAG-MATE 250F TPBR



TE Part # 63643-1  
MAG-MATE 187 FAST TAB 0198TPBR



TE Part # 1461403-4  
OJE-SH-112LMH,000



TE Part # 917686-2  
2.5 S.DBL L. PLUG HSG 2P RED



TE Part # 61086-1  
.156 MNL PIN 20-14 PTPBR



Documents

Product Drawings

250 PL MKII FLAG REC. 18-14AWG PTBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_172763-1\_H.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_172763-1\_H.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_172763-1\_H.3d\_stp.zip

English

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

Datasheets & Catalog Pages

1654742\_HOUSEHOLD\_APPLIANCES\_RAST5

English

Positive Lock Receptacles

English

POS\_LOCK\_MII\_QRG

English

Product Specifications

1-Pos. '250' Flag, Positive Lock Connector

Japanese

Application Specification

Japanese

Agency Approvals

CSA Certificate

English

172763-1

Quick Disconnects, Receptacle, 18 - 14 AWG Wire Size, .82 - 2.08 mm<sup>2</sup> Wire Size,  
Mating Tab Width 6.35 mm [.25 in], Flag, Brass, Positive Lock 250

