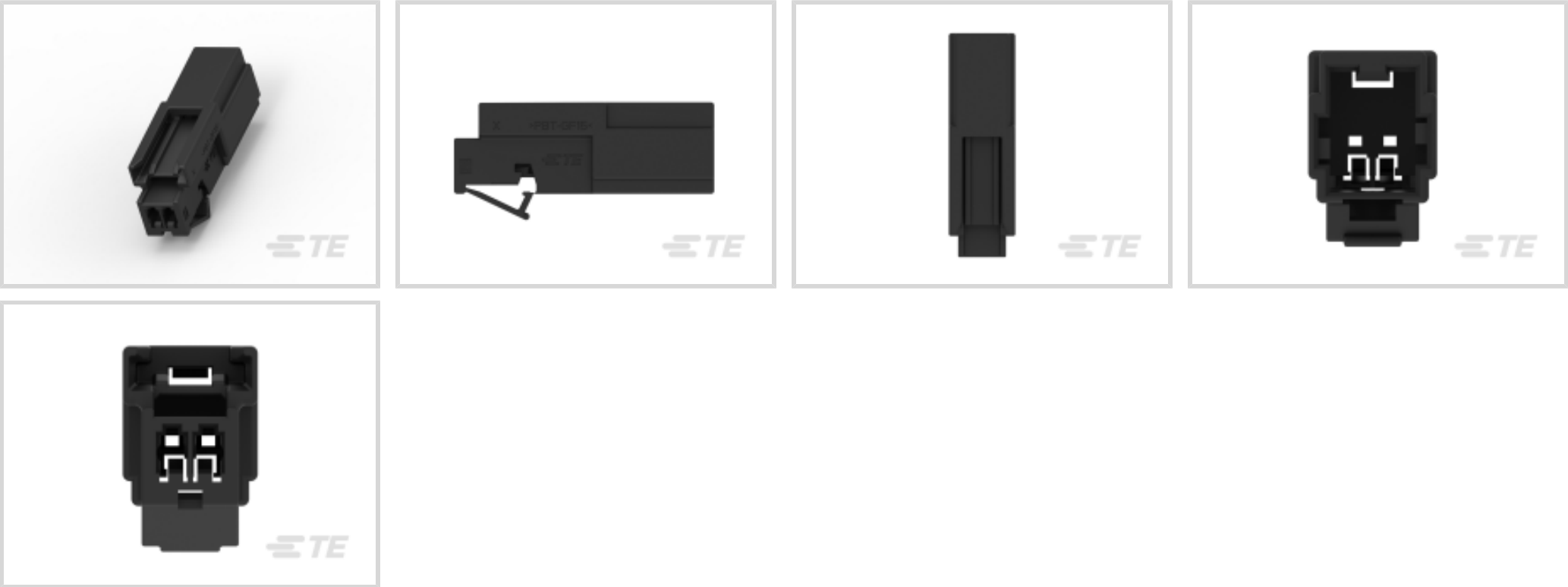




Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**

Number of Positions: **2**

Connector & Housing Type: **Housing for Male Terminals**

Centerline (Pitch): **2.54 mm [ .1 in ]**

Sealable: **No**

Features

Product Type Features

|                          |                            |
|--------------------------|----------------------------|
| Mixed & Hybrid Connector | No                         |
| Connector Shape          | Rectangular                |
| Connector System         | Wire-to-Wire               |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable                 | No                         |
| Primary Locking Feature  | Integrated in Housing      |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows      | 1 |

Body Features

|                         |       |
|-------------------------|-------|
| Cable Exit Angle        | 180°  |
| Primary Product Color   | Black |
| Connector & Keying Code | A     |

Contact Features

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



|                  |                 |
|------------------|-----------------|
| Contact Size     | .64mm           |
| Contact Type     | Tab             |
| Mating Tab Width | .64 mm[.025 in] |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Terminal Position Assurance | Yes                        |
| Strain Relief               | Without                    |
| Mating Alignment Type       | Keyed                      |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PBT GF         |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Height | 12.97 mm[.511 in] |
| Product Width    | 9.45 mm[.372 in]  |
| Product Length   | 31.75 mm[1.25 in] |

Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C<br>[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F] |
| Operating Temperature Range | -40 - 100 °C[-40 - 212 °F]  |

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | Yes |
| Connector Position Assurance Capable | No  |

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)  
Candidate List Declared Against: JAN 2024  
(240)  
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

TE Part # CAT-N57-GYTH68  
Generation Y Terminals, 68POS Hybrid

TE Part # 1924968-8  
CONTACT, MALE 0.64, 0.35SQMM

TE Part # 1924968-5  
CONTACT, MALE 0.64, .13SQMM

TE Part # 1924968-6  
CONTACT, MALE 0.64, 0.35SQMM

TE Part # 1924968-7  
CONTACT, MALE 0.64, .13SQMM

Also in the Series | Generation Y Connector System



|   |                               |                          |                                   |
|---|-------------------------------|--------------------------|-----------------------------------|
|   |                               |                          |                                   |
| Automotive Connector Caps & Covers (21) | Automotive Housings(154)      | Automotive Terminals(46) | Connector Seals & Cavity Plugs(6) |
|   |                               |                          |                                   |
| Insertion & Extraction Tools(1)         | PCB Headers & Receptacles(23) |                          |                                   |

Customers Also Bought

|   |  |  |   |
|---|--|--|---|
|   |  |  |   |
| TE Part # 936271-1<br>090III 6P(D) CAP ASSY | TE Part # 173682-1<br>040 MLC TAB CONTACT    | TE Part # 520935-7<br>PLMKII&FASTON 250 REC HSG 2P BROWN | TE Part # 1-1803171-0<br>ANVIL, COMBINATION |
|   |  |  |   |
| TE Part # 1803055-2<br>ANVIL, COMBINATION   | TE Part # 5-1490019-7<br>CRIMPER, WIRE       | TE Part # 6-1803554-5<br>ANVIL, COMBINATION              | TE Part # 9-1803058-4<br>ANVIL, COMBINATION |
|   |  |  |   |
| TE Part # NB20164001<br>VERSAFIT-1/8-0-SP   | TE Part # 2-854014-4<br>ANVIL,COMB.(070X126) |  |   |

Documents



Product Drawings

2P G-Y Cap, Single-Piece, No Clip, A

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2138558-3\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2138558-3\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2138558-3\_A.3d\_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English