# 1544317-1 ✔ ACTIVE

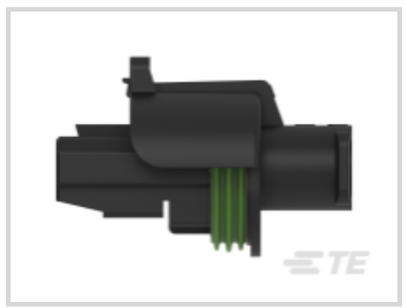
AMP | NG Power Terminals and Connectors, NG1

TE Internal #: 1544317-1

12 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 12 mm [.472 in] Centerline, Sealable, Black, Wire & Cable, Power, Hybrid

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings




Nominal Voltage Architecture: **12 V**

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

Number of Positions: **2**

Sealable: **Yes**

Operating Temperature Range: **-40 – 125 °C [ -40 – 257 °F ]**

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable | Yes |
| Primary Locking Feature | Integrated in Housing |
| Connector System | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 13 VDC |
| Nominal Voltage Architecture | 12 V |

### Body Features

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

## Contact Features

| | |
|---|---|
| Contact Size | 8mm |
| Contact Type | Receptacle |
| Mating Tab Width | 8 mm[.314 in] |

## Mechanical Attachment

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

## Housing Features

| | |
|---|---|
| Housing Material | PBT |
| Centerline (Pitch) | 12 mm[.472 in] |

## Dimensions

| | |
|---|---|
| Product Width | 29.8 mm[1.173 in] |
| Product Length | 34.6 mm[1.362 in] |
| Connector Height | 29.8 mm[1.173 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |
| Operating Temperature (Max) | 125 °C[257 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

## Industry Standards

| | |
|---|---|
| IP Rating | IP67 |
| UL Flammability Rating | UL 94HB |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 750 |
| Packaging Method | Box |

## 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

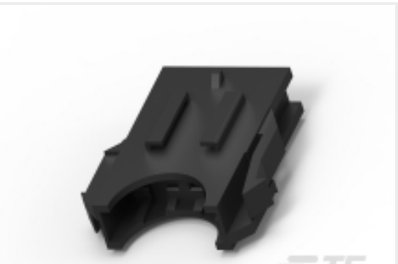
Product Compliance Disclaimer

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 # 1544228-1
CLIP 8 MM NG1-1 PO



TE Part # 1544434-1
BOITIER PC 2 VOIES



TE Part # 1544334-1
PL 2V 8MM NG1 MONT



TE Part # 1544227-1
CLIP 8 MM NG1-1 PO

## Also in the Series | NG Power Terminals and Connectors



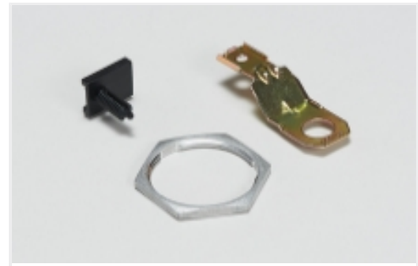
Automotive Housings(32)



Automotive Seals & Cavity Plugs(11)

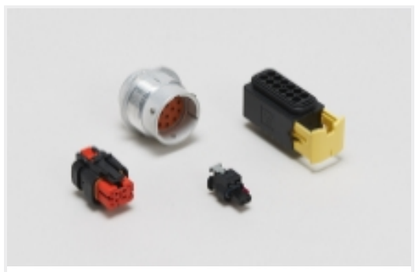


Automotive Signal & Power Connector Housings(32)



Other Automotive Connector Accessories(1)

## Also in the Series | NG1



Automotive Housings(32)



Automotive Seals & Cavity Plugs(11)

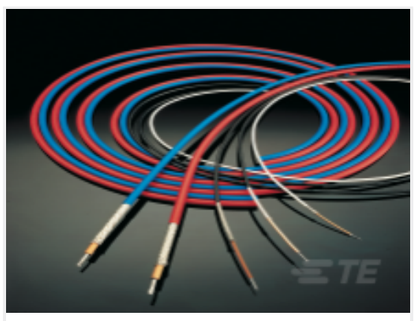


Automotive Signal & Power Connector Housings(32)

## Customers Also Bought



TE Part #CZ8201-000
SCL-1/2-0-2.25IN



TE Part #528878-000
2018E0309-0



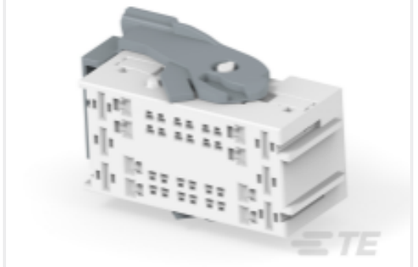
TE Part #1534099-1
MQS COVER 2X10P



TE Part #1544333-1
LANGUETTE 8MM NG1



TE Part #1801176-4
2W RECEPTACLE HPSL CONNECTOR YELLOW



TE Part #2005575-1
060/110/250 LIF 38P PLUG ASSY WHI



TE Part #1-2203769-3
2POS, MCON 1.2 CB REC 1p TL SEALED

TE Part #2496561-1
HVA280 2P HEADER ASSY, KEY A

TE Part #2496561-2
HVA280 2P HEADER ASSY, KEY B

TE Part #2496561-4
HVA280 2P HEADER ASSY, KEY D

# Documents

## Product Drawings

PC 2V 8MM WP NG1 N

English

PC 2V 8MM WP NG1 N

English

PC 2V 8MM WP NG1 N

English

## CAD Files

3D PDF

English

### Customer View Model

ENG_CVM_1544317-1_F.3d_igs.zip

English

### Customer View Model

ENG_CVM_1544317-1_F.3d_stp.zip

English

### Customer View Model

ENG_CVM_1544317-1_F.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

Product Specification

English

Product Specification

French

## Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

French