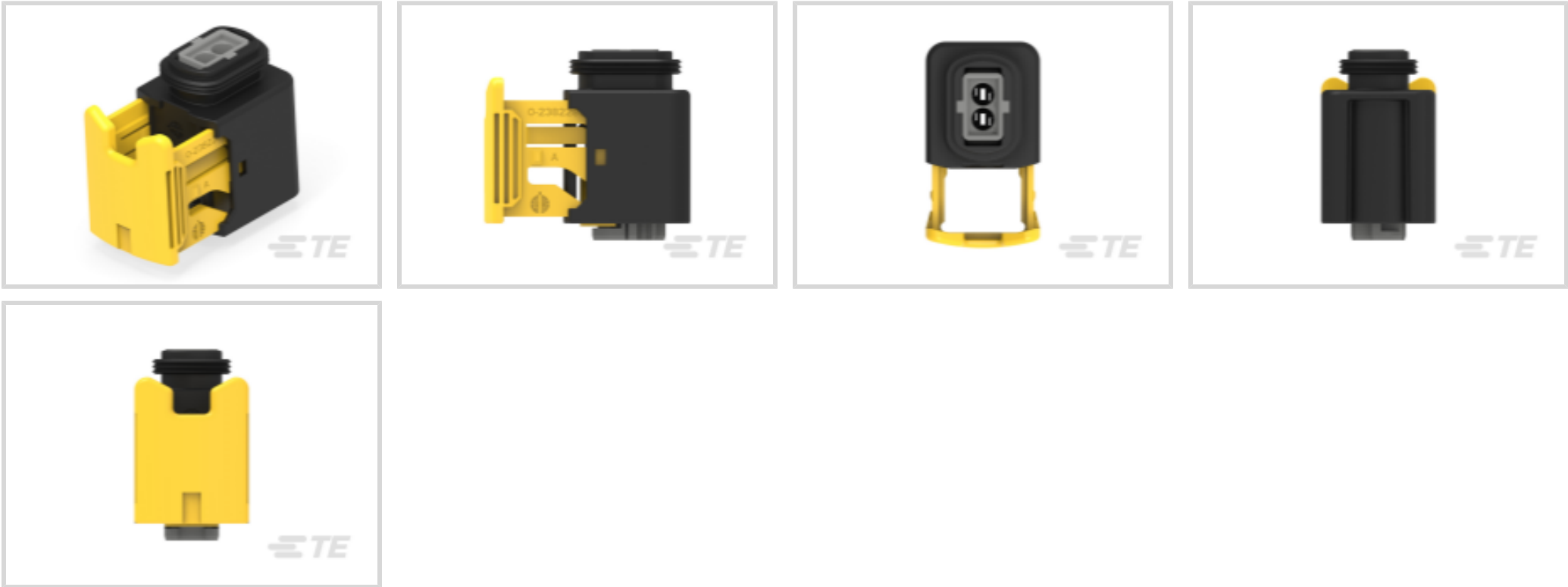




Automotive Parts > Automotive Connectors > Automotive Housings > Heavy Duty Sealed Connector Series Housings



Nominal Voltage Architecture: 12 V, 24 V, 48 V

Connector & Housing Type: Housing for Female Terminals

Number of Positions: 2

Sealable: Yes

Operating Temperature Range: -40 – 140 °C [ -40 – 284 °F ]

[All Heavy Duty Sealed Connector Series Housings \(176\)](#)

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| 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

|                              |                  |
|------------------------------|------------------|
| Nominal Voltage Architecture | 12 V, 24 V, 48 V |
|------------------------------|------------------|

Body Features

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



|                         |      |
|-------------------------|------|
| Primary Product Color   | Gray |
| Connector & Keying Code | B    |

Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Size                 | 1.5K            |
| Contact Type                 | Receptacle      |
| Mating Tab Width             | 1.6 mm[.063 in] |
| Contact Current Rating (Max) | 10 A            |

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 4 mm[.157 in] |
|--------------------|---------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F] |
| Operating Temperature (Max) | 140 °C[284 °F]             |

Operation/Application

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

Other

|                                      |    |
|--------------------------------------|----|
| 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 | 有害物质含量符合标准要求 No Restricted Substance(s) 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                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| Solder Process Capability                     | Not reviewed 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 # 2-2382274-1  
2POS,1.6X0.6,TAB HSG ASSY,SLD,  
COD B

TE Part # 1-1579007-1  
EXTRACTION TOOL

TE Part # 2409554-1  
ADAPTER,MINI 2POS,RIGHT-ANGLE  
BACKSHELL

TE Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB  
BACKSHELL

TE Part # 2409553-1  
ADAPTER,MINI 2POS,VERTICAL  
BACKSHELL

Also in the Series | Heavy Duty Sealed Connector Series

Automotive Housings(215)

Automotive Seals & Cavity Plugs(5)

Data Connectivity Headers(18)

Other Automotive Connector  
Accessories(36)

Customers Also Bought



TE Part #964269-5  
TAB A 1.6x0.6 CONTACT CF SWS Ag

TE Part #CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB

TE Part #CAT-NB3-MRC48  
48V Ready Mixed (Signal and Power) Connectors

TE Part #1622469-1  
LR1 1% 3R3

TE Part #4-1623930-1  
CFR25 5% 1R0

TE Part #1-1676123-1  
1/2W SM M/OX 5% 2R2

TE Part #1703799-1  
15POS,TAB 2.8X0.8,TAB HSG,ASSY

TE Part #1-2382274-1  
2POS,1.6X0.6,TAB HSG ASSY,SLD, COD A

Documents

Product Drawings

2POS,AMP MCP 1.5K,REC HSG ASSY,SLD,COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-2382278-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2382278-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2382278-1\_A.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