2-2382274-1 ✔ ACTIVE

AMP | Heavy Duty Sealed Connector Series

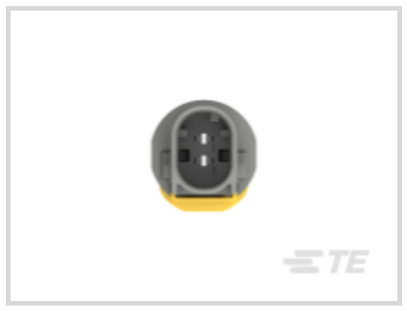
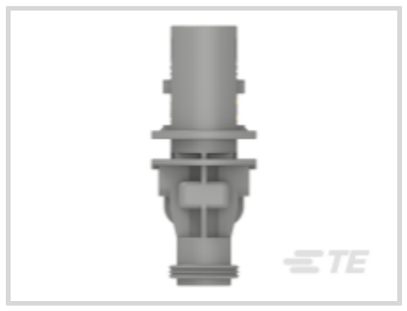
TE Internal #: 2-2382274-1

12 V / 24 V / 48 V, 2 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Heavy Duty Sealed Connector Series

View on TE.com >

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 Male 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

Connector Shape	Rectangular
Mixed & Hybrid Connector	No
Connector & Housing Type	Housing for Male 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	1.6mm
Contact Type	Tab
Mating Tab Width	1.6 mm[.063 in]
Contact Current Rating (Max)	10 A

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
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) Candidate List Declared Against: JUNE 2025 (250) 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 # CAT-N05-AT16
1.6 mm Automation Ready Terminals for Automotive Wire Harness Production and Advanced Assembly Automation



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



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



TE Part # 2-964269-2
TAB A 1.6x0.6 CONTACT CF SWS Ag



TE Part # 539960-1
AUSZ-WKZ,MICRO TIM.



TE Part # 2-2382278-1
2POS,AMP MCP 1.5K,REC HSG ASSY, SLD,COD B

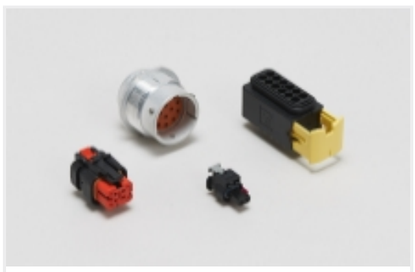


TE Part # 963902-3
TAB A 1.6x0.6 CONTACT CF SWS Au

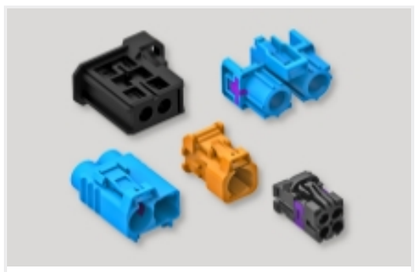
Also in the Series | Heavy Duty Sealed Connector Series



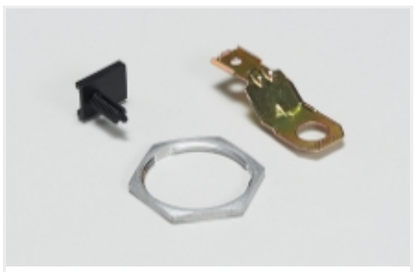
Automotive Connector Caps & Covers (23)



Automotive Housings(221)



Data Connectivity Housings(1)



Other Automotive Connector Accessories(39)

Customers Also Bought



TE Part #925595-2
MINI-SPRING RECPT.



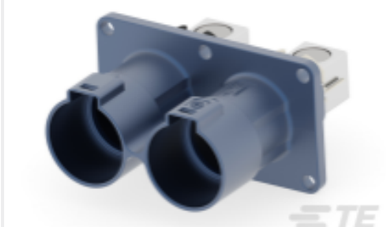
TE Part #1241380-2
AMP MCP 1.5K, CONTACT, SWS



TE Part #1-1418390-1
4 POS AMP MCP 2.8 REC HSG



TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



TE Part #2399607-1
2POS,HVP1400,ASSY,180DEG,COD A /B

TE Part #K1060691
Relay 30-314-12-913



TE Part #2-525450-8
GHW HAND TOOL (56 570 101 757)

Documents

Product Drawings

2POS,1.6X0.6,TAB HSG ASSY,SLD,COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2382274-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2382274-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2382274-1_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