

2-2382278-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2-2382278-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, 4 mm

Centerline, Sealable, Gray, Wire & Cable, Signal, -40 – 140 °C, Key B

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



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

Number of Positions: **2**

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

Centerline (Pitch): **4 mm**

Sealable: **Yes**

[All Heavy Duty Sealed Connector Series Housings \(204\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	No
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Locking Lance

### Configuration Features

Number of Positions	2
Number of Rows	1

### Electrical Characteristics

Nominal Voltage Architecture	60 V
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### Body Features

Primary Product Color	Gray
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Connector & Keying Code B

### Contact Features

Contact Type	Receptacle
Mating Tab Width	1.6 mm
Contact Current Rating (Max)	10 A

### Housing Features

Centerline (Pitch)	4 mm
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### Usage Conditions

Operating Temperature (Max)	140 °C
Operating Temperature Range	-40 – 140 °C

### Operation/Application

Circuit Application	Signal
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## 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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-AM705-T273  
AMP MCP, RECEPTACLE AND TAB



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



TE Part # 1-1579007-1  
EXTRACTION TOOL



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



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

## Also in the Series | Heavy Duty Sealed Connector Series



Automotive Connector Caps & Covers (25)



Automotive Housings(207)



Connector Seals & Cavity Plugs(5)



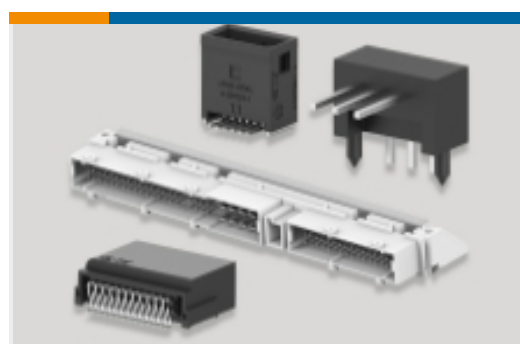
Data Connectivity Headers(2)



Data Connectivity Housings(18)



Other Automotive Connector Accessories(34)



PCB Headers & Receptacles(1)

## 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