

4-1703839-1 ✓ ACTIVE



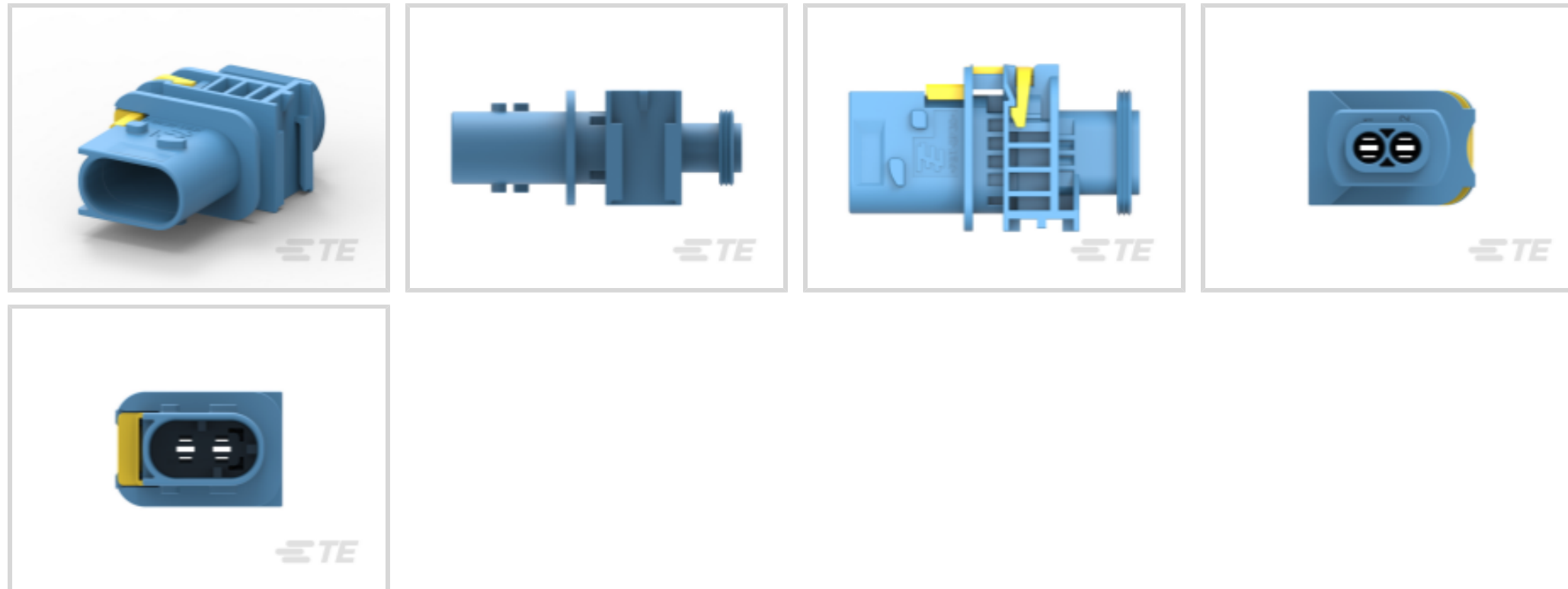
AMP | Heavy Duty Sealed Connector Series

TE Internal #: 4-1703839-1

Housing for Male Terminals, Wire-to-Wire, 2 Position, .236 in [6 mm] Centerline, Sealable, Blue, Signal, Heavy Duty Sealed Connector Series

[View on TE.com >](#)

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



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

Mating Tab Width: **2.8 mm [.11 in]**

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

Number of Positions: **2**

Centerline (Pitch): **6 mm [.236 in]**

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

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	60 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V



Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Blue
Connector Code	D

Contact Features

Contact Size	2.8mm
Contact Type	Tab
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	40 A

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	6 mm[.236 in]
--------------------	---------------

Dimensions

Product Width	48.1 mm[1.89 in]
Product Length	27.6 mm[1.08 in]
Product Height	19 mm[.748 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

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

Packaging Features

Packaging Quantity	600
--------------------	-----



Packaging Method

Box

Other

Serviceable

No

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 2022 (224)
Candidate List Declared Against: JUNE 2022 (224)
Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

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 # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

TE Part # 4-1418483-1
2POS,AMP MCP2.8,REC. HSG

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

TE Part # 1670365-2
COVER MIXED, 180, 2-3POS, NW4.5

Also in the Series | Heavy Duty Sealed Connector Series



Automotive Connector Caps & Covers
(25)



Automotive Housings(207)



Automotive Seals & Cavity Plugs(5)



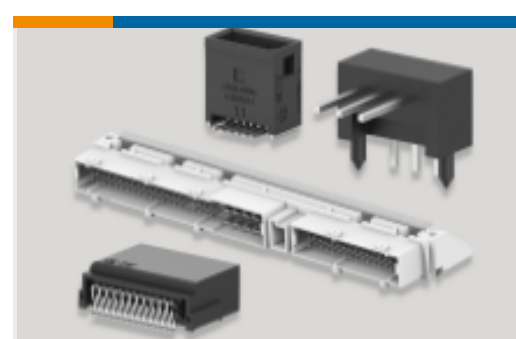
Data Connectivity Headers(2)



Data Connectivity Housings(18)



Other Automotive Connector
Accessories(34)



PCB Headers & Receptacles(1)

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_4-1703839-1_H.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_4-1703839-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1703839-1_H.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

HDSCS Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

4-1703839-1

Housing for Male Terminals, Wire-to-Wire, 2 Position, .236 in [6 mm] Centerline,
Sealable, Blue, Signal, Heavy Duty Sealed Connector Series

