2-1670894-1 ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 2-1670894-1

Housing for Female Terminals, Wire-to-Wire, 8 Position, .236 in [6 mm] Centerline, Sealable, Gray, Signal, Heavy Duty Sealed

Connector Series

View on TE.com >



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











Connector System: Wire-to-Wire

Number of Positions: 8

Connector & Housing Type: Housing for Female Terminals

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

Sealable: Yes

All Heavy Duty Sealed Connector Series Housings (204)

Features

Product Type Features

Nominal Voltage Architecture

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Configuration Features	
Number of Positions	8
Number of Rows	2
Electrical Characteristics	
Operating Voltage	60 VDC

12 V, 24 V, 42 V, 60 V



Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Gray
Connector & Keying Code	В

Contact Features

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

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	6 mm[.236 in]

Dimensions

Connector Height	31.25 mm[1.23 in]
Product Width	25.7 mm[1.012 in]
Product Length	54.1 mm[2.13 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
Industry Standards	
Degree of Protection	IP67
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	300
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 2112302-1 PROTECTION CAP, FOR REC.HSG GROUP D



TE Part # CAT-H3399-B128 Heavy Duty Sealed Connector Series Backshells



TE Part # 828922-1 2,5MM CAVITY PLUG FOR 5,4MM DI







TE Part # 2-2425662-1 8POS,TAB2.8X0.8,HDR ASSY,90DEG, COD B

Also in the Series | Heavy Duty Sealed Connector Series







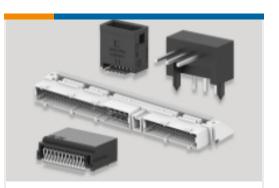




Data Connectivity Housings(18)



Other Automotive Connector Accessories(34)



PCB Headers & Receptacles(1)

Customers Also Bought



Heavy Duty Sealed Connector Series Housings



TE Part #2112323-1 SINGLE WIRE SEAL,MT 2,VT



TE Part #936119-1 4POS MQS REC









TE Part #K1152184
Push Button Switch, Center Thread, 1
Actuator, Flush Profile

Documents

Product Drawings

8POS,AMP MCP2.8,REC HSG,ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1670894-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1670894-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1670894-1_J.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

Product Specification

English