



TE Internal #: 282956-1

2 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire, 5 mm [.196 in] Centerline, Sealable, Black

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Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 2

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

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

Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Centerline (Pitch): **5 mm [.196 in]**

Features

Mechanical Attachment

Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	20 A

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes



Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	24 V, 12 V
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Body Features

Primary Product Color	Black
Connector & Keying Code	Neutral

Housing Features

Centerline (Pitch)	5 mm[.196 in]
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Usage Conditions

Operating Temperature (Max)	125 °C, 80 °C, 105 °C, 90 °C, 100 °C, 85 °C, 75 °C, 70 °C, 110 °C, 120 °C[248 °F][221 °F][158 °F][167 °F][230 °F][176 °F][194 °F][185 °F][212 °F][257 °F]
Operating Temperature Range	-30 – 125 °C[-22 – 257 °F]

Operation/Application

Circuit Application	Power
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Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241)



Does not contain REACH SVHC

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 282955-1

[SPLASH-PROOF FEM.CONN.HSG](#)

Customers Also Bought

<p>TE Part #1-1718491-1 1.5/2.8MMTAB HSG 25POS ASSY</p>	<p>TE Part #2-1718644-1 3POS, MCON 1.2 LL REC SEALED</p>	<p>TE Part #967542-1 SENSOR FLA-KONT 2,8</p>	<p>TE Part #2-927766-1 JPT REC 2.8 Contact SWS Au</p>
<p>TE Part #184346-1 2X2 CAP ASY KEY A C3</p>	<p>TE Part #1-926522-2 PL 250 REC HSG 2P NYLON NAT</p>	<p>TE Part #544720-E SRCBUG A 2,54 2 2 CSI 163 * K-AD B500 J</p>	<p>TE Part #1-170291-1 DLI REC CONTACT</p>



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282956-1_D_c-282956-1-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282956-1_D_c-282956-1-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282956-1_D_c-282956-1-d.3d_stp.zip

English

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

Product Specifications

Product Specification

English

2 POS. SPLASH PROOF CONNECTORS FOR 2.8mm SENSOR-FLAT CONTACTS

English