



DEUTSCH

TE Internal #: CAR2SC00

2 Position Housing, Housing for Female Terminals, Wire-to-Panel, 10 mm [.4 in] Centerline, Sealable, Black, Wire & Cable, Power, Panel Mount

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Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 2

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

Mating Pin Diameter: 4.98 mm [.196 in]

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

Centerline (Pitch): 10 mm [.4 in]

Features

Industry Standards

IP Rating	IP68
UL Flammability Rating	UL 94HB

Dimensions

Product Width	53.4 mm[2.1 in]
Product Length	62 mm[2.44 in]
Connector Height	56.1 mm[2.2 in]

Packaging Features

Packaging Quantity	200
Packaging Method	Box

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarized
Mating Alignment	With

Connector Mounting Type	Panel Mount
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Other

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

Electrical Characteristics

Operating Voltage	25 VDC
Nominal Voltage Architecture	6 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Housing Features

Housing Material	PA GF
Centerline (Pitch)	10 mm [.4 in]

Contact Features

Contact Size	5mm
Contact Type	Socket
Mating Pin Diameter	4.98 mm [.196 in]
Contact Current Rating (Max)	25 A

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Panel
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1



Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Power
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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 2024 (241) Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Customers Also Bought



Documents

Product Drawings

[CAR RECPT DIN9680 2way](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_CAR2SC00_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CAR2SC00_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CAR2SC00_C.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English