



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



Connector & Housing Type: **Housing for Male Terminals**
Number of Positions: **2**
Sealable: **Yes**
Operating Temperature Range: **-40 – 140 °C [-40 – 284 °F]**
Number of Rows: **1**

[All Heavy Duty Sealed Connector Series Housings \(176\)](#)

Features

Product Type Features

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

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°, 90°
Primary Product Color	Gray
Connector & Keying Code	B

Contact Features

Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.6 mm[.063 in]

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Product Width	47.05 mm[1.852 in]
Product Length	27.6 mm[1.087 in]
Connector Height	19 mm[.748 in]

Usage Conditions

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
Operating Temperature (Max)	140 °C[284 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Carton
Packaging Quantity	1



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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 2-964269-2
TAB A 1.6x0.6 CONTACT CF SWS Ag



TE Part # 2112289-1
PROTECTION CAP, GROUP A, ASSY



TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



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

TE Part # CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings

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

Also in the Series

Heavy Duty Sealed Connector Series

Automotive Housings(215)

Automotive Seals & Cavity Plugs(5)

Data Connectivity Headers(18)

Customers Also Bought

TE Part #DT06-12SC-CE04
PLG, 12P, GRN, E, XCAP, C

TE Part #K1126755
Battery Disconnecter 35-411-100-R

TE Part #926823-4
AM WIRE PIN 20-17 .013 PTPB

TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings

TE Part #1-1670730-1
3POS,TAB 1.5X0.63,TAB HSG,ASSY

TE Part #2112301-1
PROTECTION CAP, FOR REC.HSG GROUP C

TE Part #1-2112891-2
36POS,TAB 1.5X0.6,TAB HSG,ASSY

Documents

Product Drawings

3POS,TAB 1.5X0.63 TAB HSG MID POS CLOSED

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2-1670730-2_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1670730-2_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1670730-2_H.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English