



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



Number of Positions: 8

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

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

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

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

[All Heavy Duty Sealed Connector Series Housings \(177\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
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Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Black
Connector & Keying Code	B

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

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	6 mm[.236 in]

Dimensions

Product Width	25.7 mm[1.012 in]
Product Length	54.1 mm[2.13 in]
Connector Height	31.25 mm[1.23 in]

Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 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 Quantity	300
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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: 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 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 # 2-2425662-1
8POS,TAB2.8X0.8,HDR ASSY,90DEG, COD B

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

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

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



TE Part # 2112302-1
PROTECTION CAP, FOR REC.HSG
GROUP D

TE Part # 2-1564522-1
8POS, TAB 2.8X0.8, TAB HSG, ASSY

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

Also in the Series | Heavy Duty Sealed Connector Series

Automotive Connector Caps & Covers
(25)

Automotive Headers(1)

Automotive Housings(232)

Connector Seals & Cavity Plugs(5)

Data Connectivity Headers(2)

Data Connectivity Housings(16)

Other Automotive Connector
Accessories(36)

PCB Headers & Receptacles(1)

Rectangular Power Connectors(1)

Customers Also Bought

TE Part #K1050364
Limit switch G13-01-1555

TE Part #963040-2
2P JUN-TIMER GEH

TE Part #K1152184
Push button switch TS-211-GE32

TE Part #2307893-3
HORN HARNESS WITH MFL



TE Part #K1013135
[Angle Connection Typ 26-56-52](#)

TE Part #3-1768815-1
[LBC-MAN-800300](#)

TE Part #20000420-00
[TX D610](#)

TE Part #20000416-00
[TX D385](#)

TE Part #20000422-00
[TX D753](#)

TE Part #2307893-2
[SQUIB HARNESS WITH HORN AND MFL](#)

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

[Heavy Duty Sealed Connector Series](#)

English

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

2-1670894-1

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



[Product Specifications](#)

[Application Specification](#)

English