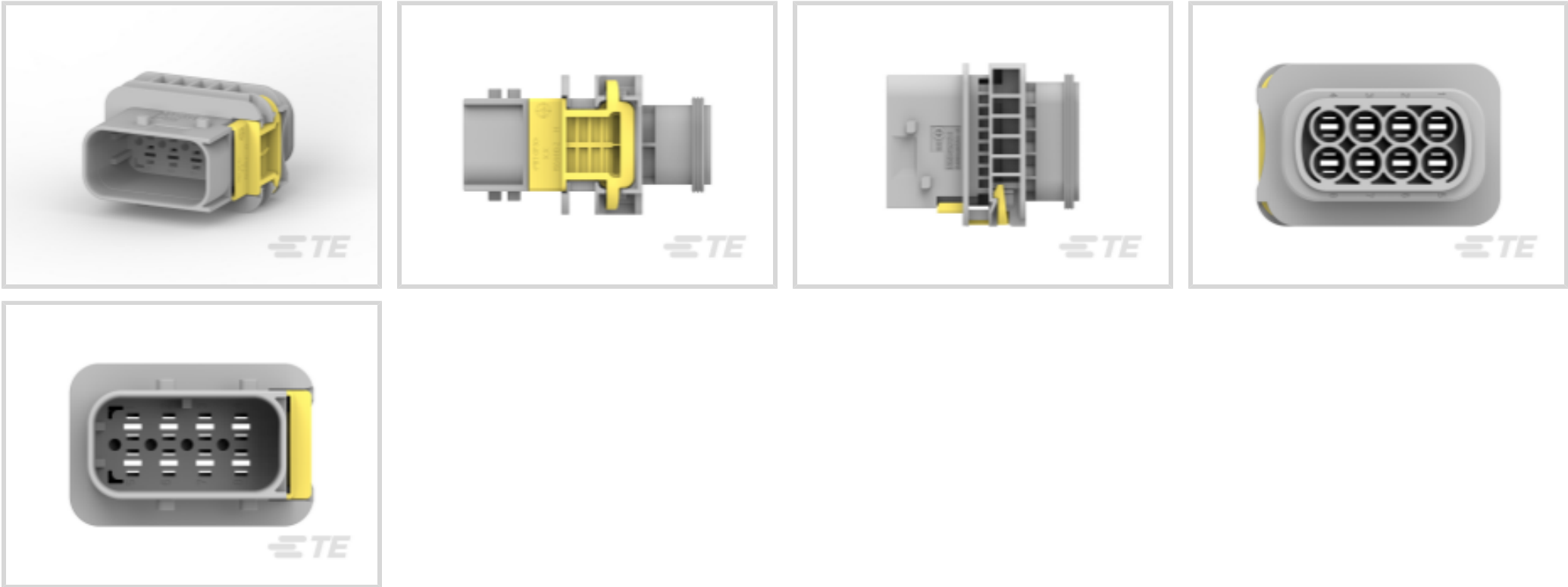




Connectors > Automotive Connectors > Connector Housings > HEAVY DUTY SEALED CONNECTOR HOUSINGS



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

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

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

Number of Positions: **8**

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

[All HEAVY DUTY SEALED CONNECTOR HOUSINGS \(190\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V



Body Features

Cable Exit Angle	Other
Body Material	PBT GF
Primary Product Color	Gray
Connector Code	B

Contact Features

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

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

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

Product Width	27 mm[1.063 in]
Product Length	40.6 mm[1.598 in]
Product Height	48.1 mm[1.894 in]
Row-to-Row Spacing	1.5 mm[.059 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
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Industry Standards

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Degree of Protection	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	280
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # CAT-H3399-B128
HEAVY DUTY SEALED CONNECTOR BACKSHELLS

TE Part # 2112295-1
PROTECTION CAP, GROUP D, ASSY

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

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

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

TE Part # 2-1670894-1
8POS, AMP MCP2.8, REC HSG, ASSY

Also in the Series

Heavy Duty Sealed Connector Series

Automotive Connector Caps & Covers (25)

Automotive Housings(197)

Automotive Seals & Cavity Plugs(5)

Data Connectivity Headers(2)

Data Connectivity Housings(18)

Other Automotive Connector Accessories(22)

Customers Also Bought

TE Part #1-968857-3
AMP MCP 2.8, CONTACT SWS

TE Part #282088-3
4P PLUG CONNECTOR

TE Part #T4151110008-006
RPC-M12-MS-8CON-PVC-7.0

TE Part #1-1803055-7
ANVIL, COMBINATION



TE Part #1230083001
ACW0219-0.75-79(NS)

TE Part #9-509101-0
ROUND BUFFER TYPE E 10X10

TE Part #4151149-1
OCEAN-2.0-APPLICATOR-S

TE Part #5-539229-2
CUTTING BLADE

TE Part #874929-8
INSERTION SLEEVE, KOMAX 145

TE Part #9-509842-2
INKJET WIRE GUIDES, 2,3MM

Documents

- CAD Files

Customer View Model

ENG_CVM_CVM_2-1564522-1_G.3d_stp.zip

English
- Customer View Model

ENG_CVM_CVM_2-1564522-1_G.2d_dxf.zip

English
- 3D PDF

3D
- Customer View Model

ENG_CVM_CVM_2-1564522-1_G.3d_igs.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

- Application Specification

English