



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



Number of Positions: 18

Connector & Housing Type: Housing for Male Terminals

Mating Tab Width: 1.6 mm [.063 in]

Connector System: Wire-to-Wire

Centerline (Pitch): 4 mm [.157 in]

[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
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	18
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
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Nominal Voltage Architecture

12 V, 24 V, 42 V, 60 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.6 mm[.063 in]
Contact Current Rating (Max)	10 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)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	6.8 mm, 7.25 mm, 7.7 mm, 7.9 mm, 9.5 mm[.268 in][.285 in][.303 in][.311 in][.374 in]
Product Width	39.8 mm[1.567 in]
Product Length	62.5 mm[2.461 in]
Connector Height	47.1 mm[1.854 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
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UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity	150
Packaging Method	Carton

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 # 2-964269-2  
TAB A 1.6x0.6 CONTACT CF SWS Ag



TE Part # 3-1579018-8  
UNLOCK TOOL



TE Part # CAT-H3399-SL34  
Heavy Duty Sealed Connector Series  
Fixing Slides



TE Part # 1-1563759-1  
18POS,AMP MCP1.5K,REC HSG,ASSY



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



TE Part # 1564411-8  
SLIDE,TAB HSG GROUP E



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




TE Part # 964972-1  
EINZELLEITERDICHTNG




TE Part # 2112297-1  
PROTECTION CAP,GROUP E,ASSY


Also in the Series | **Heavy Duty Sealed Connector Series**




Automotive Headers(1)



Automotive Housings(215)



Automotive Seals & Cavity Plugs(5)



Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(18)



Other Automotive Connector  
Accessories(36)

Customers Also Bought







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



TE Part #1-2381216-3  
48POS,MCON 1.2,TAB HSG ASSY,SLD,  
COD J



TE Part #2385803-5  
48POS,MCON 1.2,REC HSG ASSY,SLD,  
COD J



TE Part #2389098-1  
2POS,MQS,TAB HSG,UNSLD,COD A



TE Part #2391298-1  
28POS,NANOMQS,REC HSG,UNSLD,  
COD A,STD



TE Part #2490150-1  
12POS,TAB 1.6X0.6,TAB HSG,ASSY



TE Part #2495273-2  
2POS,CSJ1800,HDR ASSY,COD B



TE Part #1-2495273-1  
2POS,CSJ1800,HDR ASSY,COD A

Documents

Product Drawings  
18POS,TAB 1.6X0.6,TAB HSG,ASSY  
English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1-1564526-1\_H.2d\_dxf.zip  
English  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-1564526-1\_H.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-1564526-1\_H.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



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**Product Specifications**

**Application Specification**

English

**Application Specification**

English

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**Agency Approvals**

**UL Report**

English