



Connectors > Automotive Connectors > Connector Housings > LEAVYSEAL HOUSINGS



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

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

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

Number of Positions: **39**

Centerline (Pitch): **5 mm [ .197 in ]**

[All LEAVYSEAL HOUSINGS \(62\)](#)

Features

Product Type Features

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	39
Number of Rows	3

Electrical Characteristics

Operating Voltage	36 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	90°
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Body Material	PBT GF
Primary Product Color	Brown

Contact Features

Mating Tab Width	2.8 mm[.11 in]
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Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Yes
Mating Alignment Type	Polarized

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Dimensions

Product Width	70.7 mm[2.783 in]
Product Length	113.25 mm[4.459 in]
Product Height	45.8 mm[1.803 in]
Row-to-Row Spacing	5.5 mm[.217 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67, IP69K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Serviceable	Yes
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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 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-L489-B128  
LEAVYSEAL BACKSHELLS



TE Part # CAT-L489-M8649  
LEAVYSEAL MOUNTING ACCESSORIES



TE Part # CAT-L489-SL34  
LEAVYSEAL LOCKING SLIDES



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





TE Part # CAT-L489-CH8172  
LEAVYSEAL HOUSINGS




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

TE Part # 2347301-1


TE Part # 2347302-1

Also in the Series


LEAVYSEAL




Automotive Connector Caps & Covers  
(16)




Automotive Headers(13)



Automotive Housings(63)




Insertion & Extraction Tools(5)




Other Automotive Connector  
Accessories(15)


Customers Also Bought




TE Part #DTM04-6P-E004  
DEUTSCH DTM HOUSINGS




TE Part #1-929504-7  
TIMER, CONNECTOR HOUSING




TE Part #1-1718324-1  
LEAVYSEAL HOUSINGS



TE Part #1-1564534-1  
HEAVY DUTY SEALED CONNECTOR  
HOUSINGS



TE Part #1-968855-2  
AMP MCP, RECEPTACLE AND TAB



TE Part #1-927771-1  
TIMER, RECEPTACLE AND TAB



Documents

Product Drawings  
2.8MM TAB HSG.,39POS.,ASSY  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_6-1718323-1\_D\_c-6-1718323-1-d.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_6-1718323-1\_D\_c-6-1718323-1-d.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_6-1718323-1\_D\_c-6-1718323-1-d.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages  
ICT Terminals and Connectors Catalogue  
English

Product Specifications  
Application Specification  
German