



Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Housings



Connector System: **Wire-to-Wire**
Number of Positions: **31**
Connector & Housing Type: **Receptacle**
Centerline (Pitch): **5.5 mm, 9 mm**
Sealable: **Yes**

[All LEAVYSEAL Housings \(64\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Receptacle
Sealable	Yes
Primary Locking Feature	Contact Retainer

Configuration Features

Blank Cavity Position	0
Number of Positions	31
Number of Rows	2, 3

Electrical Characteristics

Operating Voltage	36 VDC
-------------------	--------



Body Features

Cable Exit Angle	75°
Primary Product Color	Violet
Connector & Keying Code	E

Contact Features

Contact Size	2.8mm
Mating Tab Width	2.8 mm, 5.8 mm
Contact Current Rating (Max)	25 A, 45 A

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5.5 mm, 9 mm

Dimensions

Connector Height	45.93 mm
Product Width	47.1 mm
Product Length	125 mm
Row-to-Row Spacing	5 mm, 9 mm
Compatible Insulation Diameter Range	2.2 – 3 mm, 3.4 – 4.32 mm

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

Degree of Protection	IP67, IP69K
Agency/Standard	LV214

Packaging Features

Packaging Quantity	44
Packaging Method	Standard



Other

Serviceable	Yes
-------------	-----

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-L489-H342
LEAVYSEAL Headers



TE Part # CAT-L489-M8649
LEAVYSEAL Mounting Accessories



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

Also in the Series | LEAVYSEAL



Automotive Connector Caps & Covers (17)

Automotive Housings(79)

Insertion & Extraction Tools(5)

Other Automotive Connector Accessories(15)

PCB Headers & Receptacles(16)

Documents

Product Drawings
31POS,HYBRID,REC HSG ASSY,SLD,COD E
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2368394-8_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-2368394-8_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-2368394-8_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications
Application Specification
German