



Connectors > Automotive Connectors > Connector Housings > LEAVYSEAL HOUSINGS



Connector & Housing Type: **Housing for Female Terminals**
Mating Tab Width: **2.8 mm [.11 in]**
Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**
Number of Positions: **21**
Centerline (Pitch): **5 mm [.197 in]**

[All LEAVYSEAL HOUSINGS \(52\)](#)

Features

Product Type Features

Row-to-Row Spacing	6.9 mm[.272 in]
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Strain Relief	Yes

Configuration Features

Number of Positions	21
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V
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Operating Voltage	28 VDC
Body Features	
Cable Exit Angle	90°
Body Material	PBT GF
Primary Product Color	Black
Contact Features	
Mating Tab Width	2.8 mm[.11 in]
Mechanical Attachment	
Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	No
Housing Features	
Centerline (Pitch)	5 mm[.197 in]
Dimensions	
Height	37.9 mm[1.492 in]
Length	69.2 mm[2.724 in]
Width	43.7 mm[1.72 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
Industry Standards	
Degree of Protection	IP67, IP6K9K
UL Flammability Rating	UL 94-HB
Packaging Features	
Packaging Method	Box
Packaging Quantity	160
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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Model / Part # CAT-L489-H342
LEAVYSEAL HEADERS



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



TE Model / Part # CAT-L489-B128
LEAVYSEAL BACKSHELLS



TE Model / Part # CAT-L489-CH8172
LEAVYSEAL HOUSINGS





TE Model / Part # 1579007-1
AUSDRUECKWERKZEUG



TE Model / Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON




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




TE Model / Part # 1-2331098-1
TAB HEADER 21POS.


Also in the Series | LEAVYSEAL




Automotive Connector Caps & Covers
(16)



Automotive Headers(13)



Automotive Housings(54)




Other Automotive Connector
Accessories(15)


Customers Also Bought



TE Model / Part #1563110-1
HDSCS BACKSHELLS




TE Model / Part #1718329-1
LEAVYSEAL MOUNTING
ACCESSORIES



TE Model / Part #1-2112162-1
LEAVYSEAL HOUSINGS



TE Model / Part #9-1394050-1
LEAVYSEAL BACKSHELLS



TE Model / Part #1718328-1
LEAVYSEAL LOCKING SLIDES



TE Model / Part #1703278-2
TIMER, RECEPTACLE AND TAB



TE Model / Part #1-968855-3
AMP MCP, RECEPTACLE AND TAB

Documents

Product Drawings

AMP MCP 2.8 SOCKET HSG.,21POS.ASSY

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1-1534127-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1534127-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1534127-1_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

German

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English