

1-2293551-1 ✓ ACTIVE

AMP | LEAVYSEAL

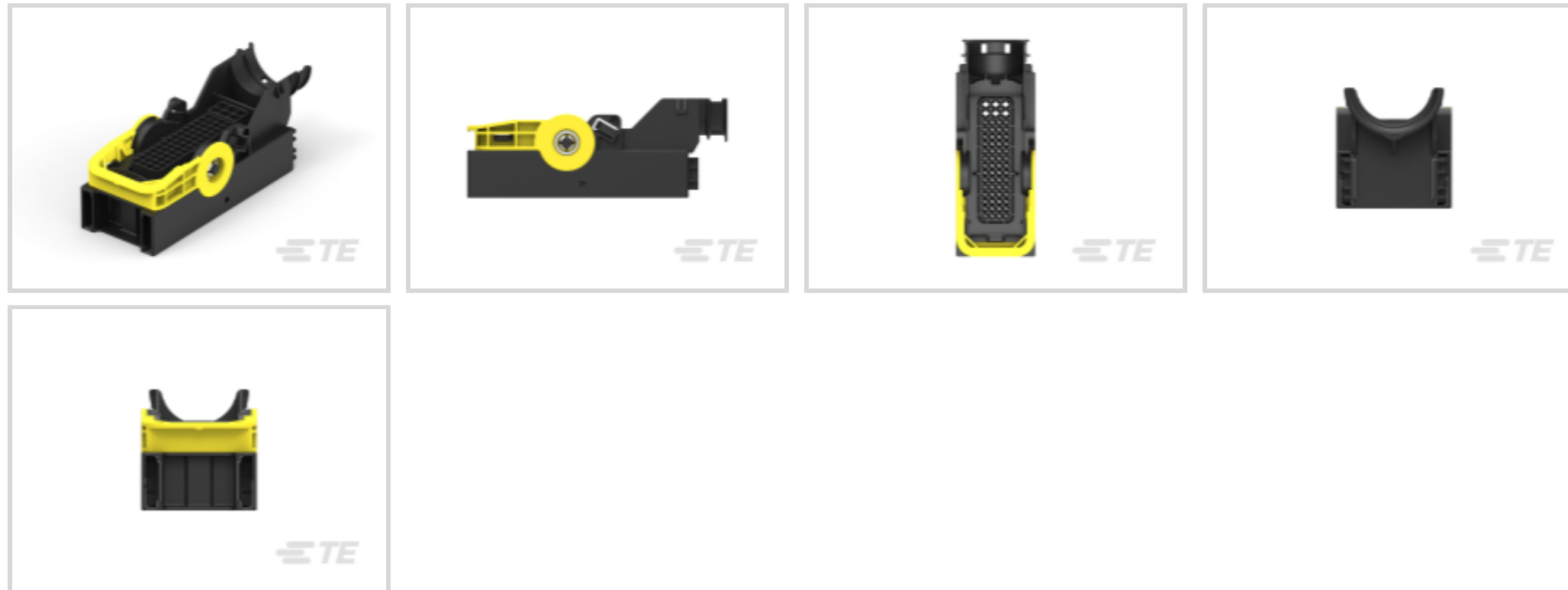
TE Internal #: 1-2293551-1

62 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4 mm / 5 mm [.157 in / .197 in] Centerline, Sealable, Black, Wire & Cable, Power

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Housings > LEAVYSEAL Connector Housings



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

Number of Positions: **62**

Sealable: **Yes**

Operating Temperature Range: **-40 – 120 °C [ -40 – 248 °F ]**

Number of Rows: **3, 4**

[All LEAVYSEAL Connector Housings \(117\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	62
Number of Rows	3, 4

### Electrical Characteristics

Operating Voltage	36 VDC
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Nominal Voltage Architecture	12 V
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### Body Features

Cable Exit Angle	90°
Primary Product Color	Black
Connector & Keying Code	A

### Contact Features

Contact Size	1.5K, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.6 mm, 2.8 mm [.062 in][.11 in]
Contact Current Rating (Max)	40 A

### Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	4 mm, 5 mm [.157 in][.197 in]

### Dimensions

Product Width	46 mm [1.81 in]
Row-to-Row Spacing	4 mm, 5.5 mm [.157 in][.216 in]
Product Length	120.5 mm [4.74 in]
Connector Height	44 mm [1.73 in]
Wire Size	16 – 12 AWG

### Usage Conditions

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

### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Method	Box
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Packaging Quantity 117

**Other**

Connector Position Assurance Capable No

**Product Compliance**

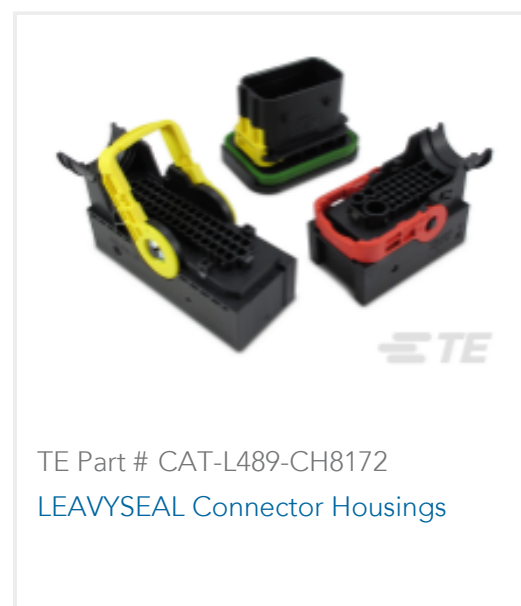
[For compliance documentation, visit the product page on TE.com>](#)

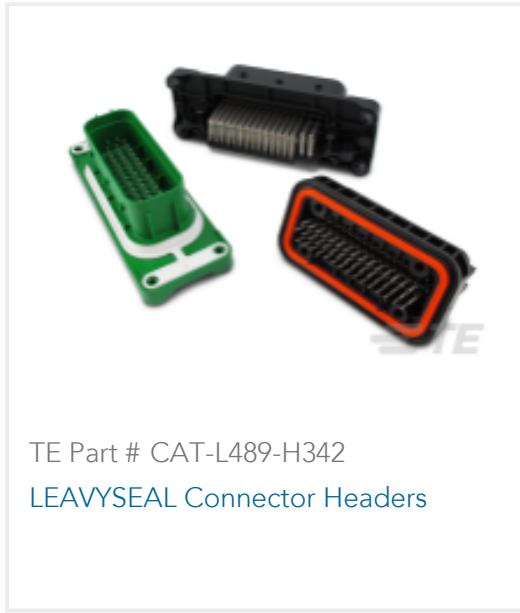
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	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

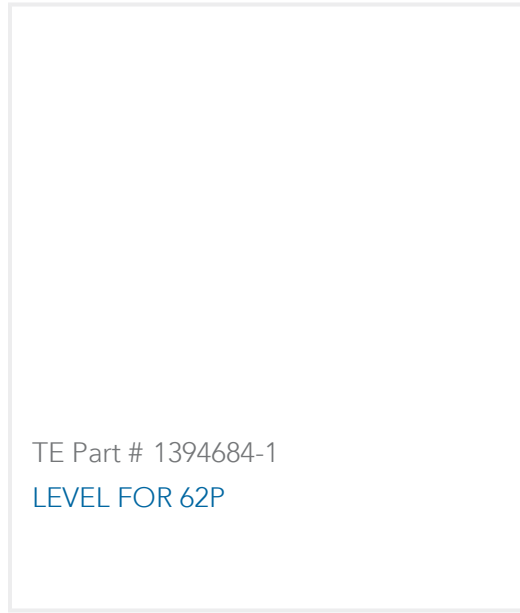
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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**



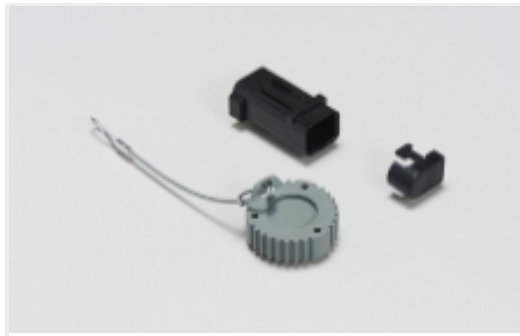


TE Part # CAT-L489-H342  
LEAVYSEAL Connector Headers

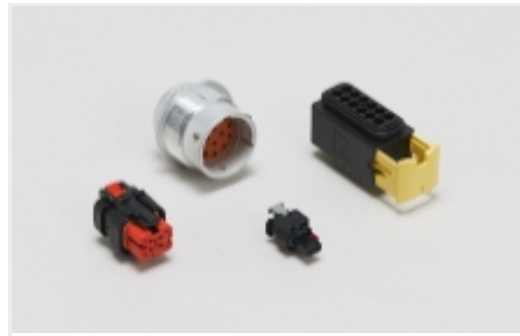


TE Part # 1394684-1  
LEVEL FOR 62P

Also in the Series | **LEAVYSEAL**



Automotive Connector Caps & Covers  
(25)



Automotive Housings(117)

Customers Also Bought



TE Part #102308-000  
2020D0309-0



TE Part #746785-1  
50 POS STR RLF,LOW PROFILE



TE Part #2315885-1  
60POS,DIA 4MM,HDR ASSY,90DEG,AP



TE Part #9-2367345-1  
SOC CONN CVR ASSY,2POS,CSS  
SIZE 20,180



TE Part #2382569-2  
32POS,NANOMQS,REC HSG,UNSLD,  
COD B,STD



TE Part #2382718-1  
40POS,NANOMQS,REC HSG,UNSLD,  
COD A,STD



TE Part #2382718-2  
40POS,NANOMQS,REC HSG,UNSLD,  
COD B,STD



TE Part #2388688-1  
34POS,PIN DIA 1.0,HDR ASSY,180DEG



TE Part #2445465-1  
23POS,PIN DIA 1.3,HDR ASSY,180DEG



TE Part #2395681-1  
10POS,MQS,REC HSG ASSY,UNSLD,  
COD A



## Documents

### Product Drawings

[62POS,MIXED,REC HSG,ASSY,SLD](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2293551-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2293551-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2293551-1\\_A.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[LEAVYSEAL CONNECTORS](#)

English

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### Product Specifications

[Application Specification](#)

English