

1-1418883-1 ✓ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 1-1418883-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device /

Wire-to-Wire, 62 Position, 4 mm / 5 mm [.157 in / .197 in]

Centerline, LEAVYSEAL

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Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Connector Housings



Connector System: **Wire-to-Board, Wire-to-Device, Wire-to-Wire**

Number of Positions: **62**

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

Centerline (Pitch): **4 mm, 5 mm [.157 in, .197 in]**

Sealable: **Yes**

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

## Features

### Product Type Features

Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal
Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular

### Configuration Features

Number of Positions	62
Number of Rows	4, 3

### Housing Features

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

### Contact Features

Mating Tab Width	1.6 mm, 2.8 mm [.063 in][.11 in]
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Contact Current Rating (Max)	40 A
Contact Size	2.8mm, 1.5K
Contact Type	Receptacle

### Body Features

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

### Operation/Application

Circuit Application	Power
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### Mechanical Attachment

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

### Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

### Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

### Electrical Characteristics

Operating Voltage	36 VDC
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### Dimensions

Row-to-Row Spacing	8 mm[.315 in]
Product Width	46 mm[1.811 in]
Product Length	120.5 mm[4.744 in]
Connector Height	44 mm[1.732 in]

### Industry Standards

IP Rating	IP69K, IP67
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UL Flammability Rating UL 94HB

**Packaging Features**

Packaging Quantity 117

Packaging Method Box

**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 2024 (241)  
Candidate List Declared Against: JUNE 2024 (241)  
Does not contain REACH SVHC

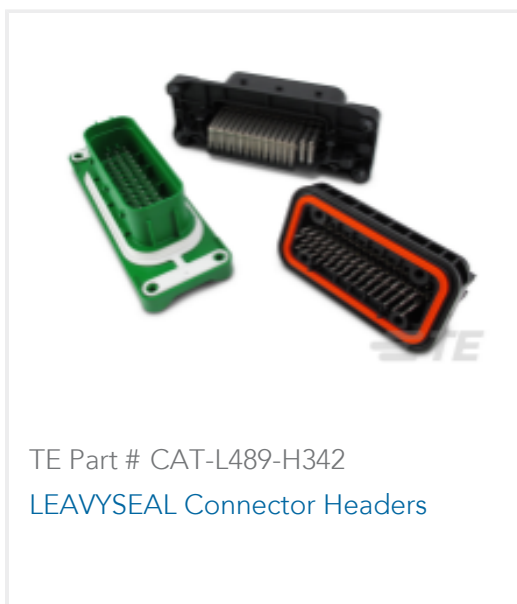
Halogen Content Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability Not applicable for solder process capability

**Product Compliance Disclaimer**

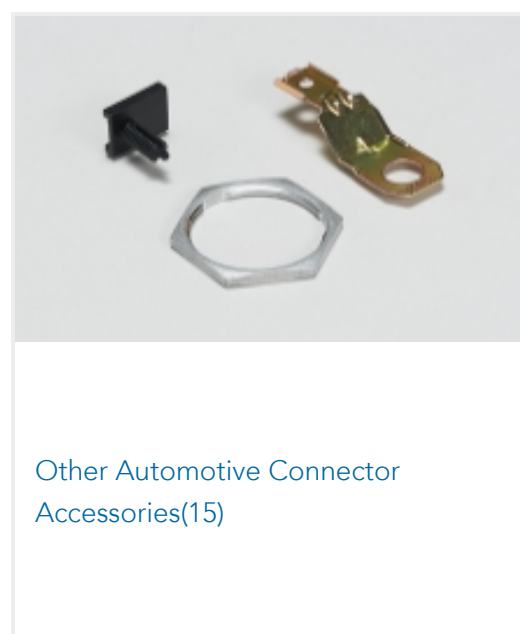
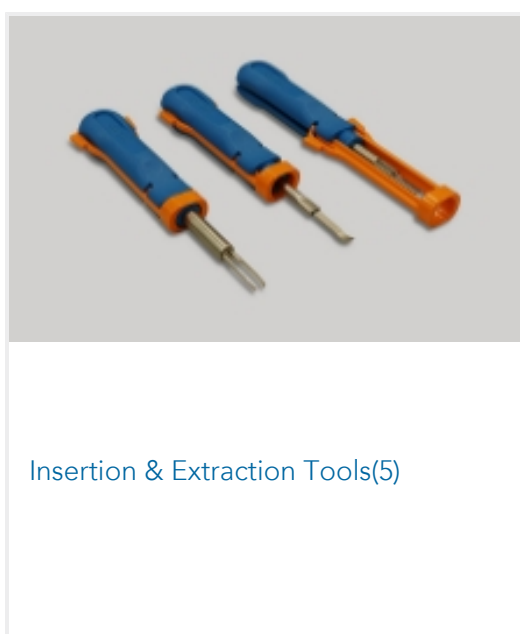
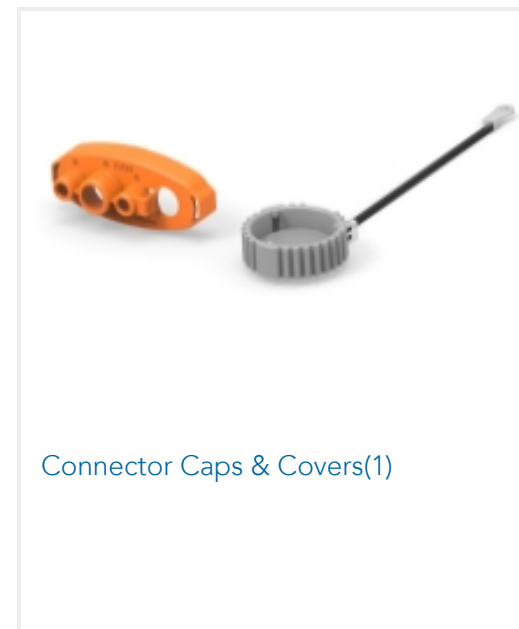
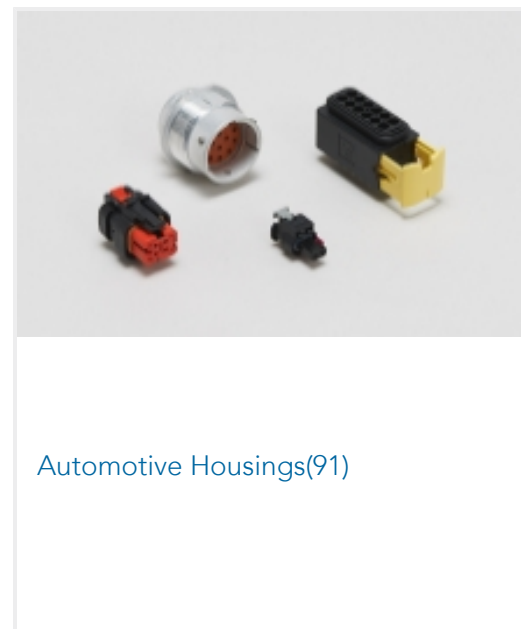
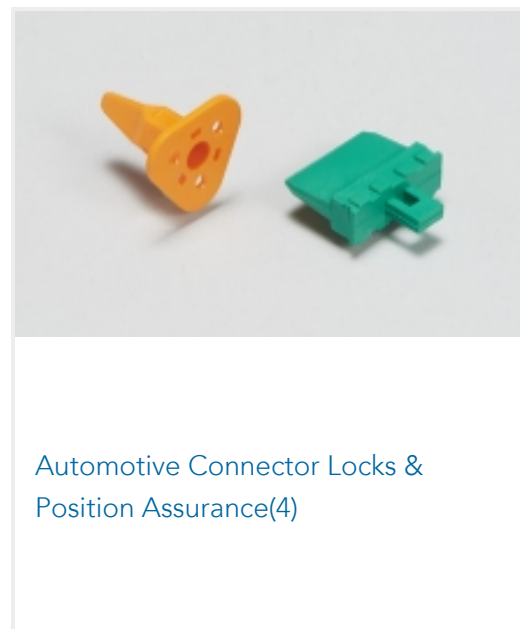
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



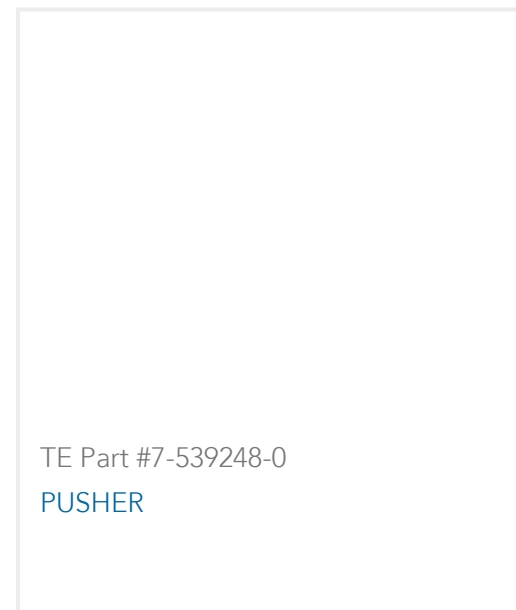


Also in the Series | **LEAVYSEAL**



Customers Also Bought





## Documents

### Product Drawings

[62.POS.MIXED REC.HSG](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418883-1\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418883-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418883-1\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[LEAVYSEAL CONNECTORS](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

### Product Specifications

[Application Specification](#)

German