



AMP | LEAVYSEAL

TE Internal #: 1-1823448-2

Housing for Male Terminals, Wire-to-Wire, 18 Position, .236 in / .157 in [4 mm / 6 mm] Centerline, Sealable, Black, Signal, Panel Mount, LEAVYSEAL

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Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Housings



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

Number of Positions: **18**

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

Centerline (Pitch): **4 mm, 6 mm [ .157 in, .236 in ]**

Sealable: **Yes**

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

**Features**

**Product Type Features**

Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal

**Configuration Features**

Number of Positions	18
Number of Rows	3, 4

**Electrical Characteristics**

Operating Voltage	42 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V



### Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

### Contact Features

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

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

### Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm, 6 mm [.157 in][.236 in]

### Dimensions

Connector Height	67 mm [2.62 in]
Product Length	85.2 mm [3.354 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 94V-0

### Packaging Features



Packaging Method	Box
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**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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 Part # 964972-1  
EINZELLEITERDICHTUNG



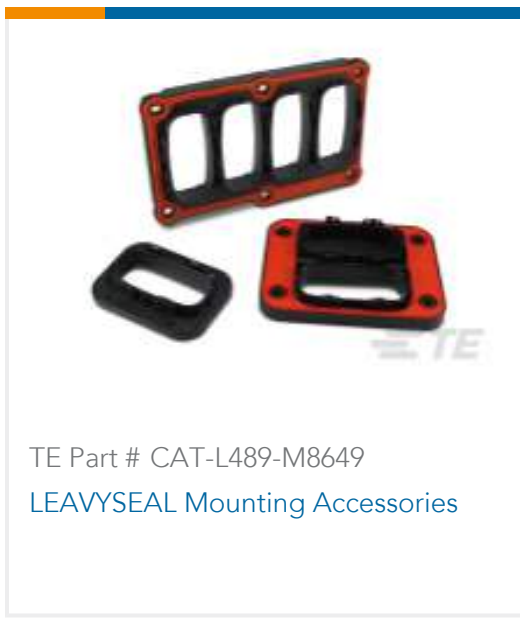
TE Part # 828905-1  
SINGLE-WIRE-SEAL(5MM HOLE)



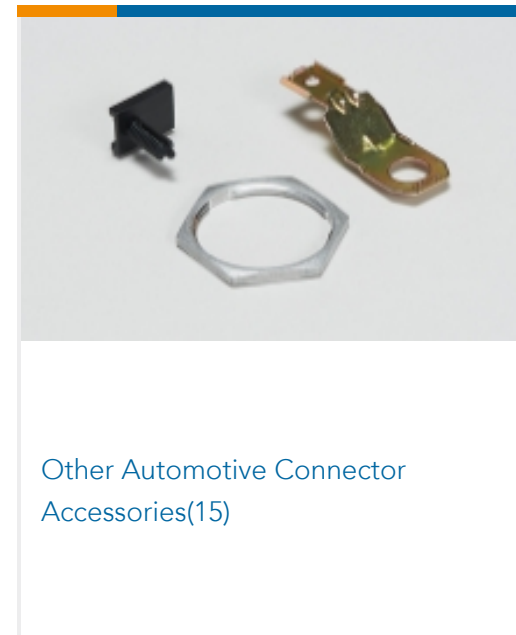
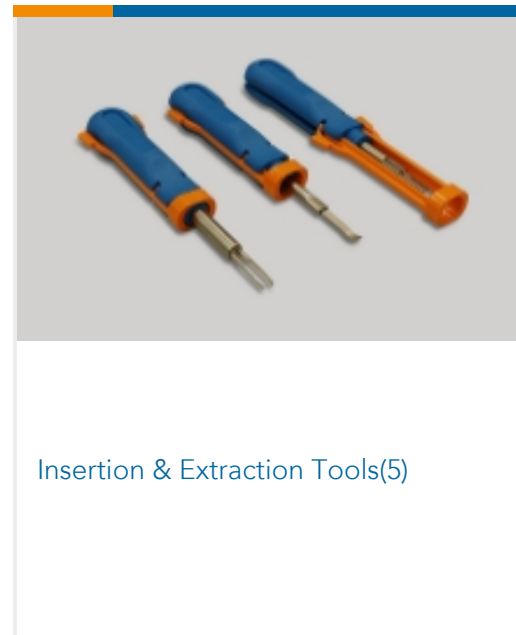
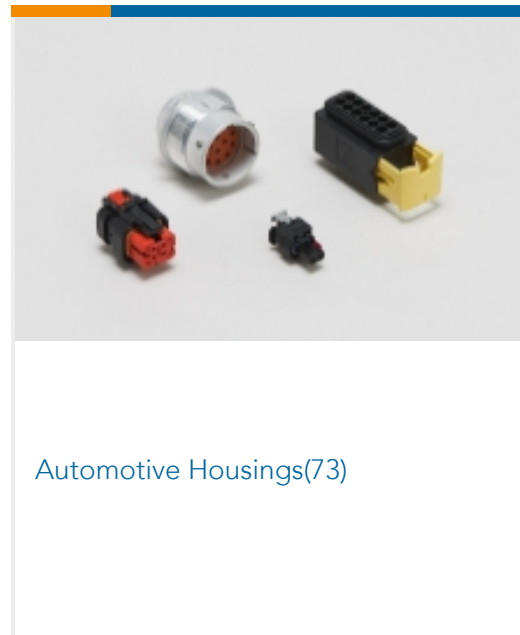
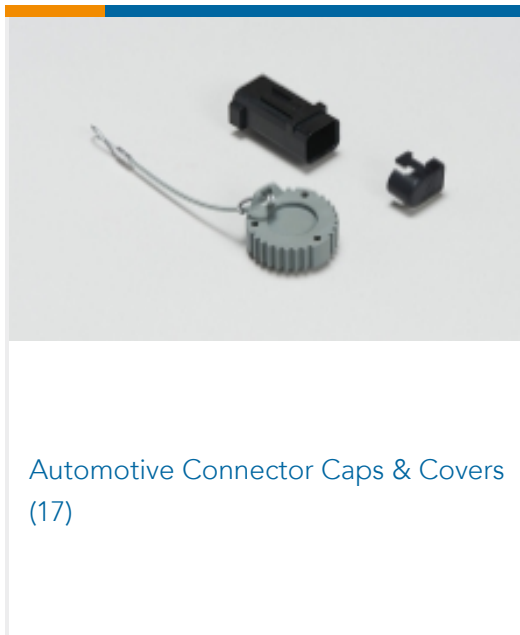
TE Part # CAT-L489-CH8172  
LEAVYSEAL Housings



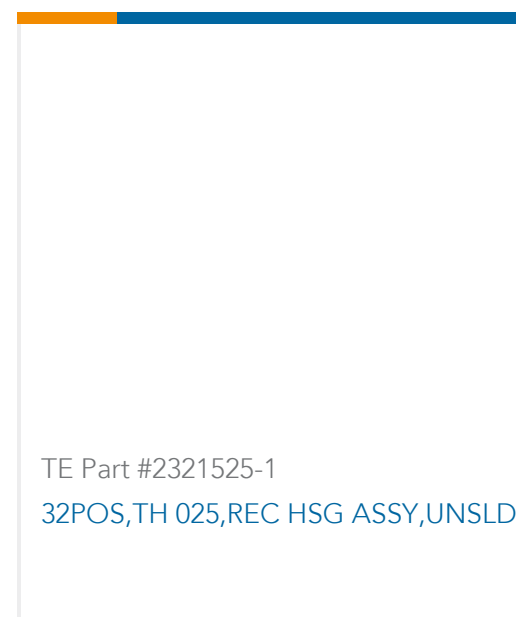
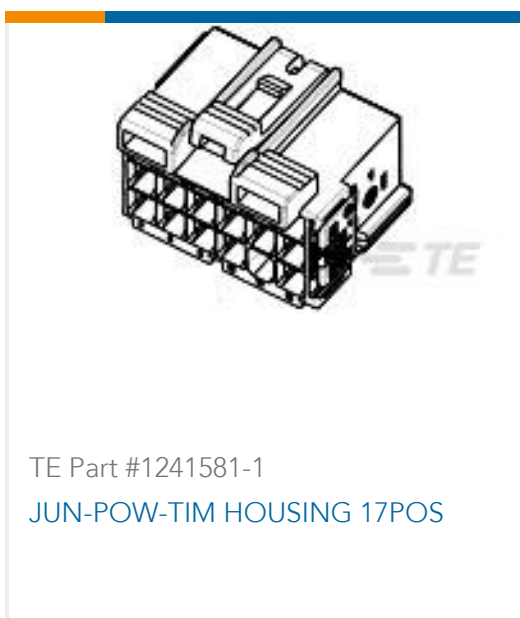
TE Part # CAT-T4827-T273  
TIMER, RECEPTACLE AND TAB



## Also in the Series | LEAVYSEAL



## Customers Also Bought





## Documents

### Product Drawings

[18POS,LEAVYSEAL,TAB HSG ASSY,SLD](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1823448-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1823448-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1823448-2\\_C.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

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Application Specification](#)

German