

1-1418883-1 ✓ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 1-1418883-1

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

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

Centerline, LEAVYSEAL

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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 Housings \(64\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	62
Number of Rows	3, 4

### Electrical Characteristics

Operating Voltage	36 VDC
Nominal Voltage Architecture	12 V, 24 V

### Body Features

Cable Exit Angle	90°
Primary Product Color	Black



Connector & Keying Code	A
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### Contact Features

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

### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

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

### Dimensions

Connector Height	44 mm [1.732 in]
Product Width	46 mm [1.811 in]
Product Length	120.5 mm [4.744 in]
Row-to-Row Spacing	8 mm [.315 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 94HB

### Packaging Features

Packaging Quantity	117
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Packaging Method

Box

**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

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**



TE Part # CAT-L489-H342  
LEAVYSEAL Headers



TE Part # 964972-1  
EINZELLEITERDICHTUNG



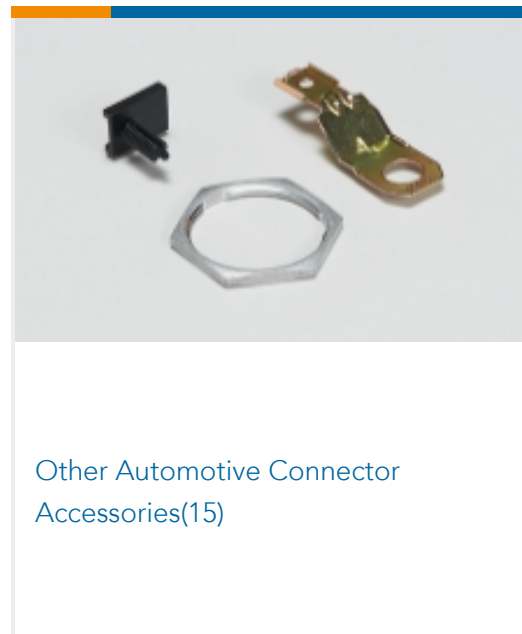
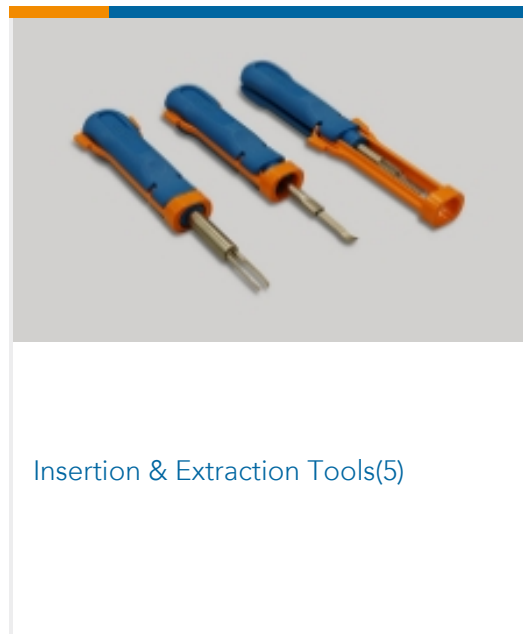
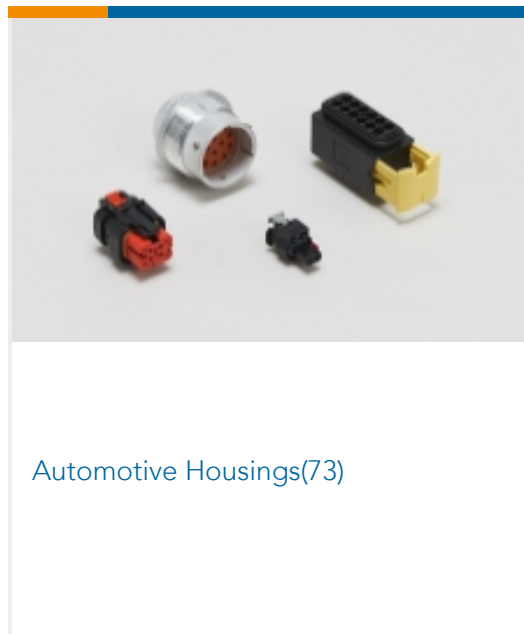
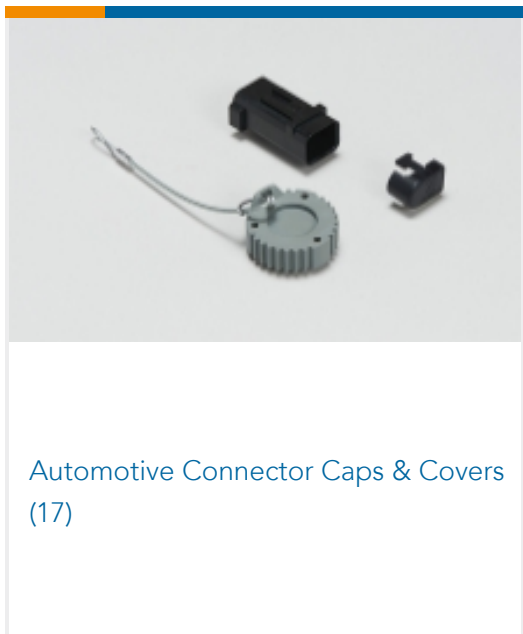
TE Part # 828905-1  
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part # 1-1718324-1  
1.5/2.8MM TAB HSG.,62POS.,ASSY



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

#### ICT Terminals and Connectors Catalogue

English

### Product Specifications

#### Application Specification

German