

1-1418362-1 ✓ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 1-1418362-1

PCB Mount Header, Vertical, Wire-to-Board, 62 Position, 5 mm / 4 mm [.157 in / .197 in] Centerline, Fully Shrouded, Silver, LEAVYSEAL

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Connectors > PCB Connectors > PCB Headers & Receptacles > LEAVYSEAL Headers



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

Number of Positions: **62**

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

Sealable: **Yes**

PCB Mount Orientation: **Vertical**

[All LEAVYSEAL Headers \(13\)](#)

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Hybrid Header                     | No                    |
| Connector Shape                   | Rectangular           |
| PCB Connector Assembly Type       | PCB Mount Header      |
| Header Type                       | Fully Shrouded        |
| Connector System                  | Wire-to-Board         |
| Sealable                          | Yes                   |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                       |          |
|-----------------------|----------|
| Number of Sections    | 1        |
| Number of Positions   | 62       |
| PCB Mount Orientation | Vertical |
| Number of Rows        | 3, 4     |

### Electrical Characteristics

|                      |        |
|----------------------|--------|
| Voltage Rating (Max) | 36 VDC |
|----------------------|--------|

### Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|



Connector & Keying Code A

### Contact Features

|                                      |                                  |
|--------------------------------------|----------------------------------|
| Contact Size                         | 1.5mm, 2.8mm                     |
| Contact Type                         | Tab                              |
| Mating Tab Width                     | 1.5 mm, 2.8 mm [.059 in][.11 in] |
| Mating Tab Thickness                 | .6 mm, .8 mm [.025 in][.031 in]  |
| Contact Mating Area Plating Material | Silver                           |
| Contact Current Rating (Max)         | 40 A                             |

### Termination Features

|   |                       |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

### Mechanical Attachment

|                         |                   |
|-------------------------|-------------------|
| Mounting Holes          | With              |
| Mating Alignment Type   | Keyed             |
| Mating Retention        | With              |
| Mating Alignment        | With              |
| PCB Mount Alignment     | With              |
| PCB Mount Retention     | Without           |
| Mating Retention Type   | Locking Interface |
| Connector Mounting Type | Board Mount       |

### Housing Features

|                    |                               |
|--------------------|-------------------------------|
| Centerline (Pitch) | 4 mm, 5 mm [.157 in][.197 in] |
|--------------------|-------------------------------|

### Dimensions

|                         |                    |
|-------------------------|--------------------|
| Connector Length        | 132 mm [5.196 in]  |
| Profile Height from PCB | 36.3 mm [1.429 in] |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature (Max) | 65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F] |
| Operating Temperature Range | -40 – 140 °C [-40 – 284 °F]   |

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |         |
|------------------------|---------|
| Degree of Protection   | IP67    |
| UL Flammability Rating | UL 94HB |

### Packaging Features

|                    |      |
|--------------------|------|
| Packaging Type     | Tray |
| Packaging Quantity | 6    |

### 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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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-CH8172  
LEAVYSEAL Housings

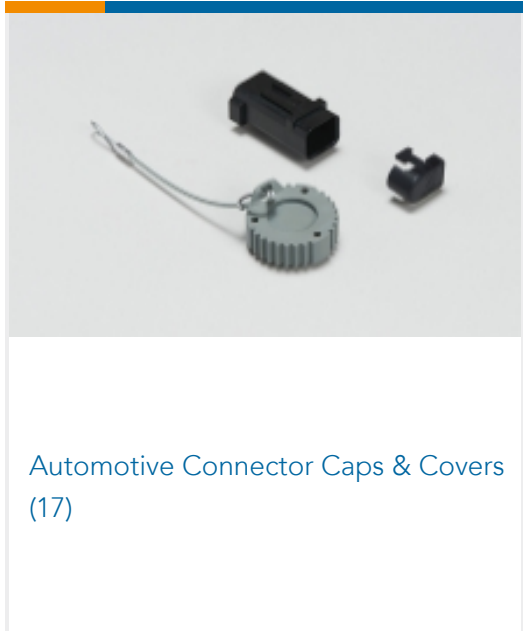


TE Part # 1718295-1  
COVER FOR 62 POS TAB HEADER ASSY

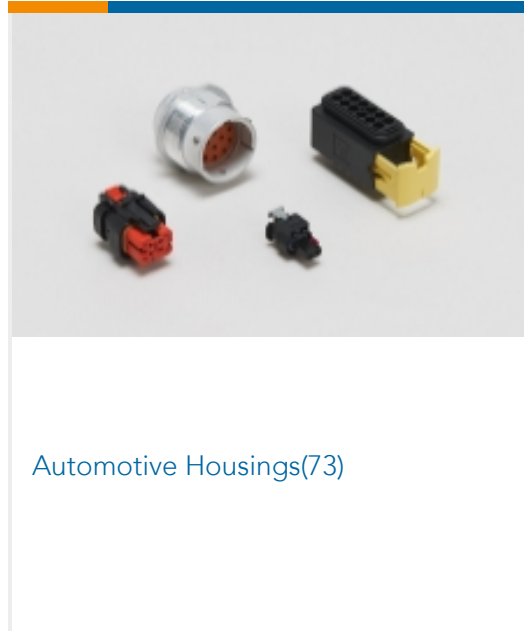


TE Part # 1-2293551-1  
62POS,MIXED,REC HSG,ASSY,SLD

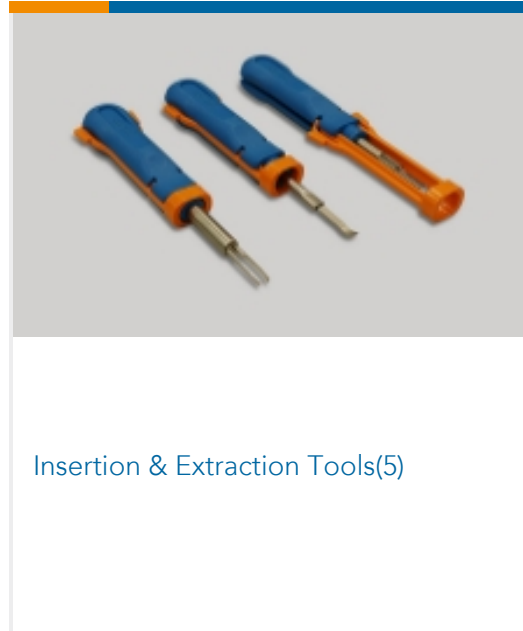
### Also in the Series | LEAVYSEAL



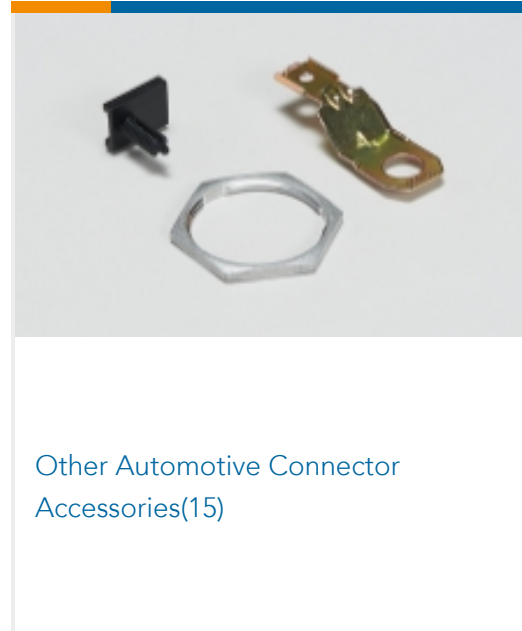
Automotive Connector Caps & Covers (17)



Automotive Housings(73)



Insertion & Extraction Tools(5)

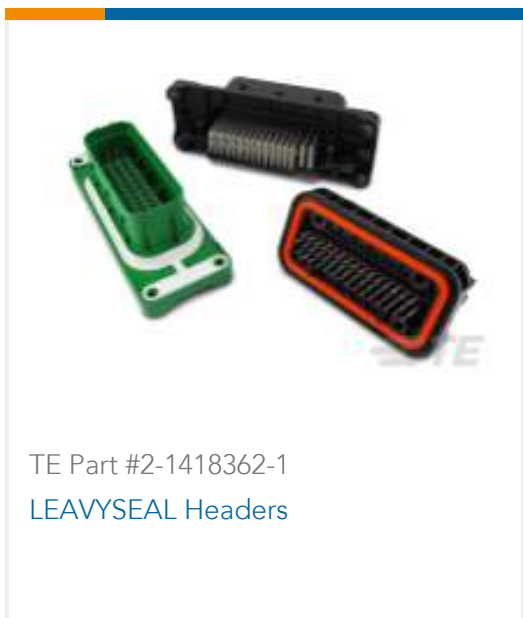


Other Automotive Connector Accessories(15)



PCB Headers & Receptacles(16)

### Customers Also Bought



TE Part #2-1418362-1  
LEAVYSEAL Headers



TE Part #967116-1  
MESSERLEISTE 18P



TE Part #1-1676966-1  
SMW2 R27 5%



TE Part #2-1991253-5  
25 WAY LOW COST D SUB BACKSHEL



TE Part #1-2176400-2  
3540 3R0 1%



TE Part #1-1564297-6  
31POS, MIXED,REC HSG,ASSY



TE Part #7-338728-8  
MICROM. MOB SMD CON



TE Part #K1121830  
Relay 29-011-02A



## Documents

### Product Drawings

[62 POS MIXED HEADER CODA](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418362-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418362-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1418362-1\\_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

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### Product Specifications

[Application Specification](#)

German

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### Agency Approvals

[UL](#)

English