

**6-1418363-1**

✓ ACTIVE

**AMP | LEAVYSEAL**

TE Internal #: 6-1418363-1

Vertical, Wire-to-Board, 39 Position, 3 Row, 6mm [.236in]

Centerline, Silver (Ag), Sealable, Printed Circuit Board, LEAVYSEAL

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Automotive Parts &gt; Automotive Connectors &gt; Automotive Headers &gt; LEAVYSEAL Connector Headers

PCB Mount Orientation: **Vertical**Contact Current Rating (Max): **40 A**Termination Method to PCB: **Through Hole - Solder**Sealable: **Yes**Centerline (Pitch): **6 mm [.236 in]**[All LEAVYSEAL Connector Headers \(22\)](#)

## Features

### Product Type Features

Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Product Type	Connector Assembly
Sealable	Yes
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	39
Number of Rows	3

### Electrical Characteristics

Voltage Rating (Max)	36 VDC
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### Body Features

Primary Product Color	Brown
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#### Contact Features

Mating Tab Thickness	.8 mm[.031 in]
Contact Type	Tab
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	40 A
Contact Mating Area Plating Material	Silver (Ag)

#### Termination Features

Termination Method to PCB	Through Hole - Solder
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#### Mechanical Attachment

Mounting Holes	With
Panel Mount Feature	Without
PCB Mount Retention Type	Mounting Hole
Mating Retention Type	Locking Interface
Mating Alignment	With
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

#### Housing Features

Centerline (Pitch)	6 mm[.236 in]
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#### Dimensions

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

#### Usage Conditions

Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

#### Operation/Application

Shielded	No
Circuit Application	Signal

#### Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB

## Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	12

## Product Compliance

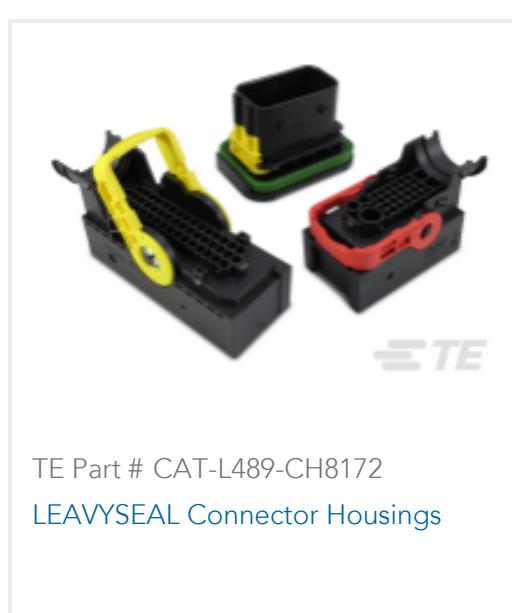
For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

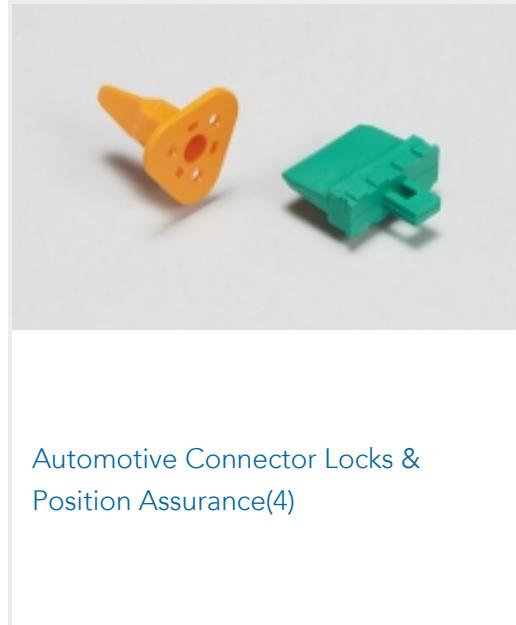


TE Part # CAT-L489-CH8172  
LEAVYSEAL Connector Housings

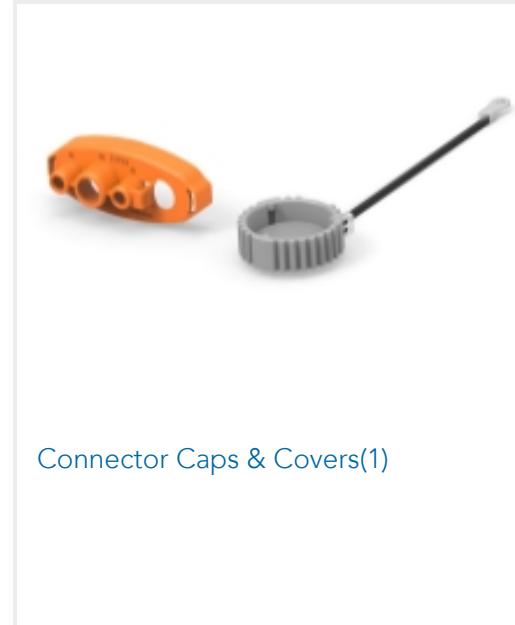


TE Part # 1-1394668-2  
FLA-STECKKONT.2,8

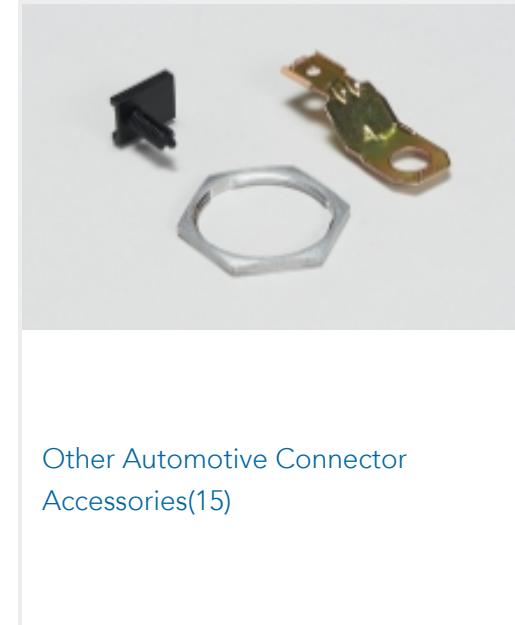
## Also in the Series | LEAVYSEAL



Automotive Connector Locks &amp; Position Assurance(4)

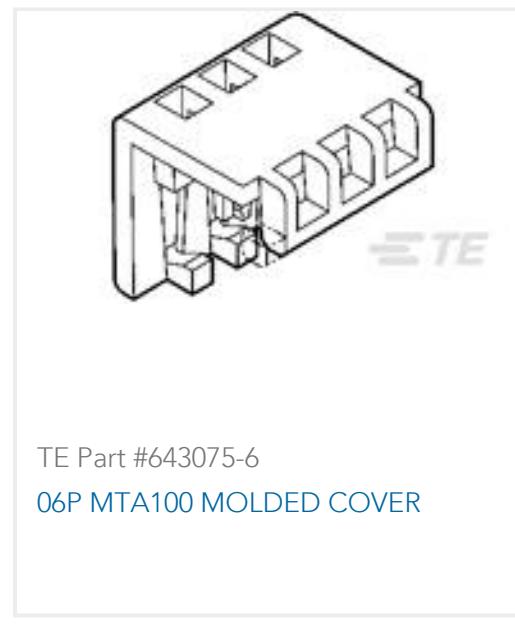
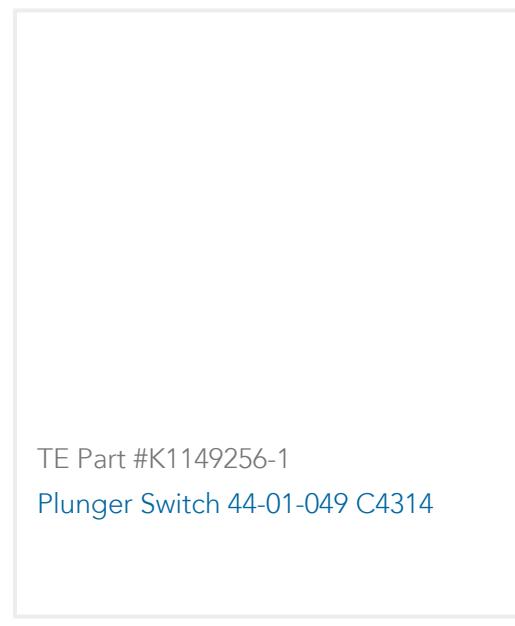
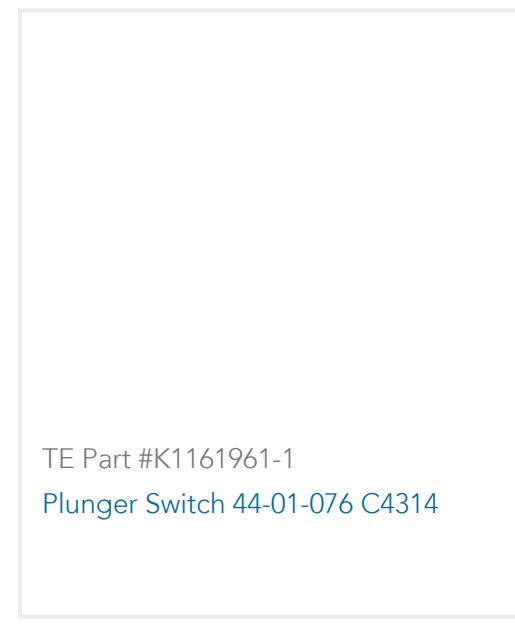
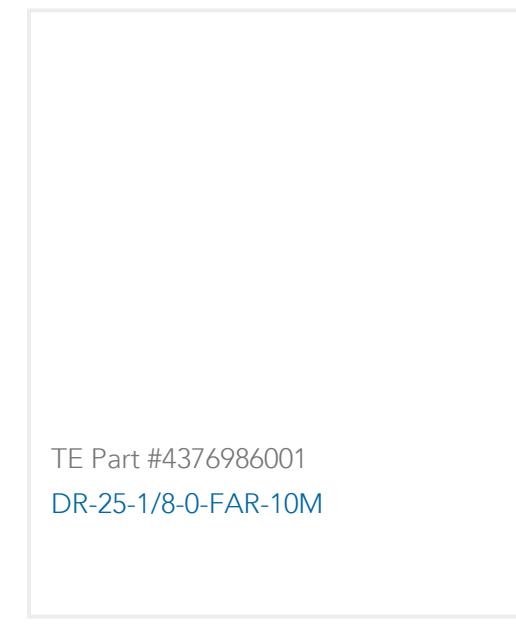
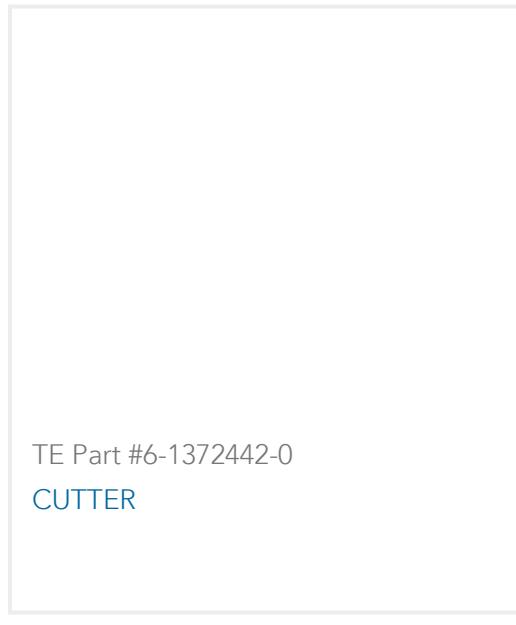


Connector Caps &amp; Covers(1)



Other Automotive Connector Accessories(15)

## Customers Also Bought

TE Part #E77815-000  
B-155-1503TE Part #643075-6  
06P MTA100 MOLDED COVERTE Part #3-644043-6  
06P MTA100 CONN ASSY LFTE Part #1658622-6  
26 NOVO MIL/CTR 30DP,LEAD FREETE Part #5-2208684-3  
39POS,AMP MCP2.8,REC HSG,ASSYTE Part #K1149256-1  
Plunger Switch 44-01-049 C4314TE Part #K1161961-1  
Plunger Switch 44-01-076 C4314TE Part #4376986001  
DR-25-1/8-0-FAR-10MTE Part #6-1372442-0  
CUTTERTE Part #6-1372442-6  
SPACER

## Documents

### Product Drawings

[39 POS TAB 2.8x0.8 HEADER CODE](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_6-1418363-1\\_C.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_6-1418363-1\\_C.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_6-1418363-1\\_C.3d\\_stp.zip](#)

English

[3D PDF](#)

3D

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

**Datasheets & Catalog Pages**

**LEAVYSEAL CONNECTORS**

English

**Product Specifications**

[Product Specification](#)

English