

1-1418362-1

✓ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 1-1418362-1

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

[View on TE.com >](#)[Connectors > PCB Connectors > PCB Headers & Receptacles > LEAVYSEAL Connector Headers](#)PCB Connector Assembly Type: **PCB Mount Header**PCB Mount Orientation: **Vertical**Connector System: **Wire-to-Board**Number of Positions: **62**Number of Rows: **4, 3**[All LEAVYSEAL Connector Headers \(13\)](#)

Features

Electrical Characteristics

Voltage Rating (Max)	36 VDC
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Dimensions

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

Packaging Features

Packaging Quantity	6
Packaging Method	Tray

Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB

Usage Conditions

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

Body Features

Connector & Keying Code	A
Primary Product Color	Black

Mechanical Attachment

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

Contact Features

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

Configuration Features

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

Product Type Features

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

Termination Features

Termination Method to PCB	Through Hole - Solder
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Housing Features

Centerline (Pitch)

4 mm, 5 mm [.157 in] [.197 in]

Operation/Application

Circuit Application

Signal

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

Product ComplianceFor 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

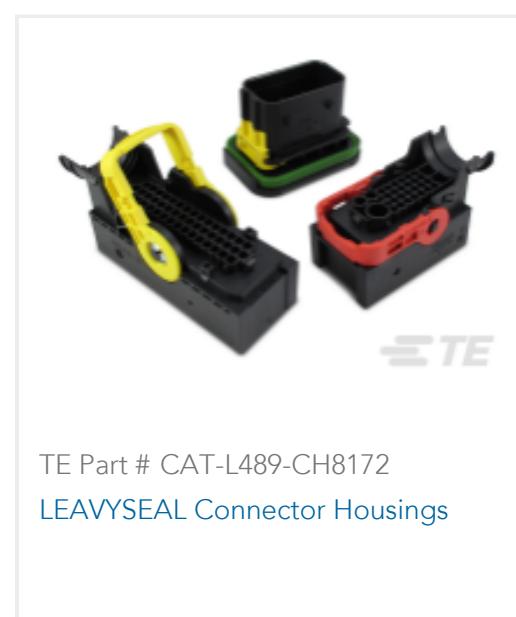
Solder Process Capability

Not applicable for solder process capability

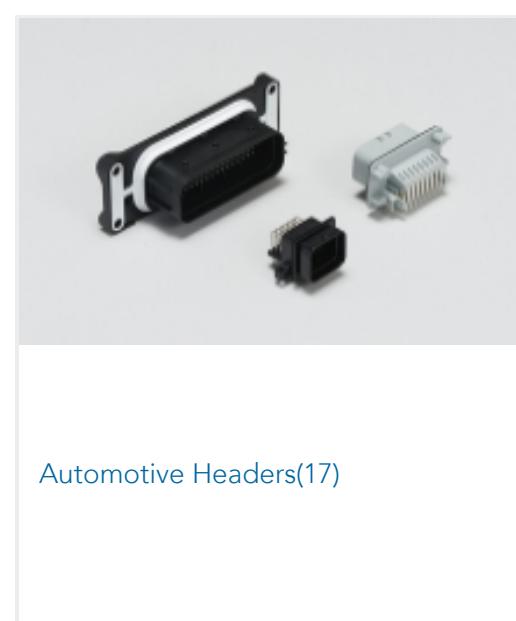
Product Compliance Disclaimer

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>

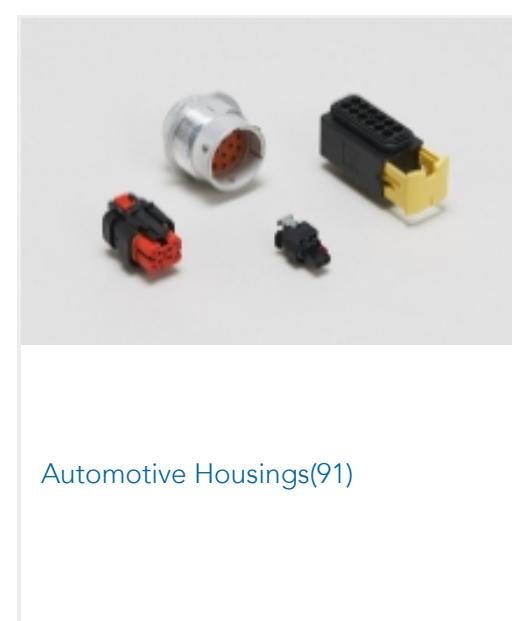
Compatible Parts

TE Part # 1-2293551-1
62POS,MIXED,REC HSG,ASSY,SLDTE Part # 1718295-1
COVER FOR 62 POS TAB HEADER
ASSYTE Part # CAT-L489-CH8172
LEAVYSEAL Connector HousingsTE Part # 1-1394668-2
FLA-STECKKONT.2,8

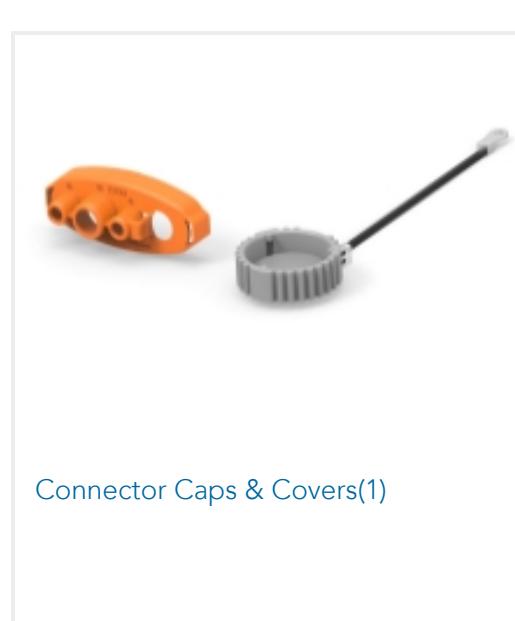
Also in the Series | LEAVYSEAL

Automotive Connector Caps & Covers
(19)Automotive Connector Locks &
Position Assurance(4)

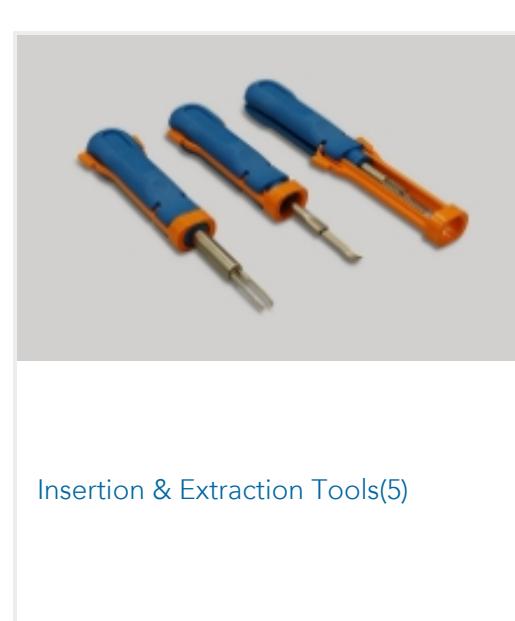
Automotive Headers(17)



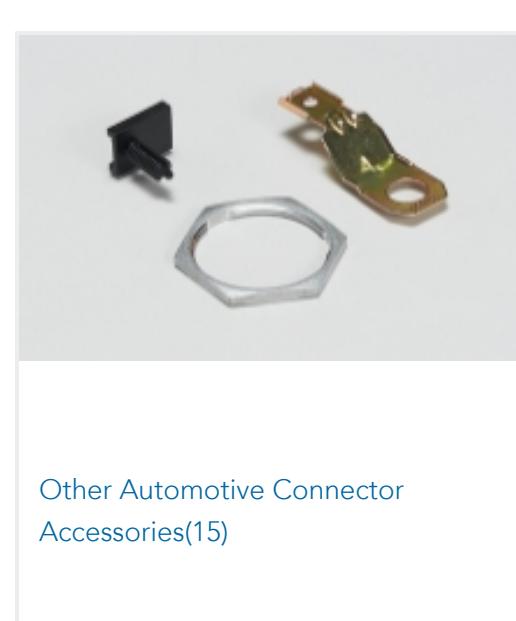
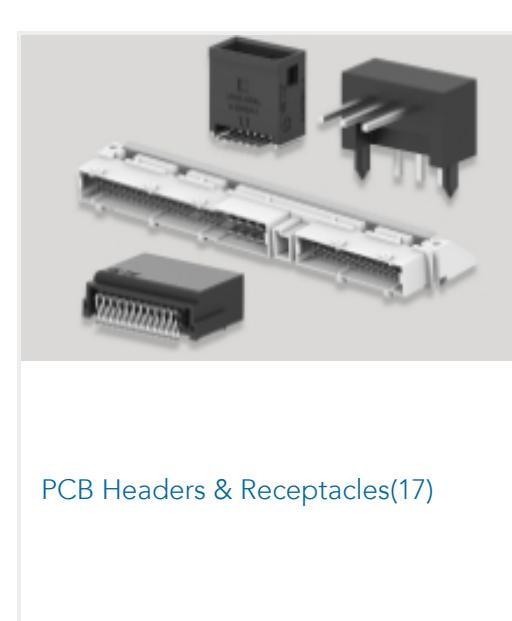
Automotive Housings(91)



Connector Caps & Covers(1)



Insertion & Extraction Tools(5)

Other Automotive Connector
Accessories(15)

PCB Headers & Receptacles(17)

Wire-to-Board Headers & Receptacles
(17)

Customers Also Bought

TE Part #2-1418362-1
62 POS MIXED HEADER CODBTE Part #CAT-M4599-H342
AMP MCP Unsealed HeadersTE Part #5-104655-5
40 50/50 HDR DRST SFMNT TINTE Part #DTM1312PA12PBGR01
HDR, 24P, BLK, RA EEC, AU/NI/CU, AB



Documents

Product Drawings

62 POS MIXED HEADER CODA

English

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.

Datasheets & Catalog Pages

LEAVYSEAL CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

German

Agency Approvals

UL

English