# 2-2331102-1 ✔ ACTIVE

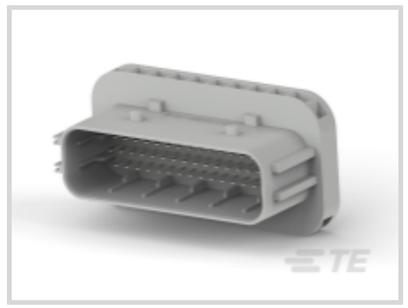
AMP | LEAVYSEAL

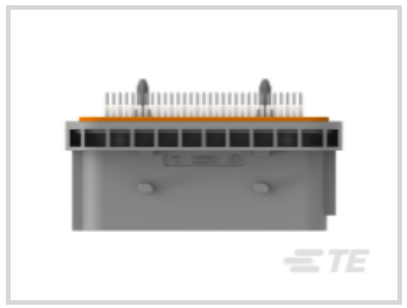
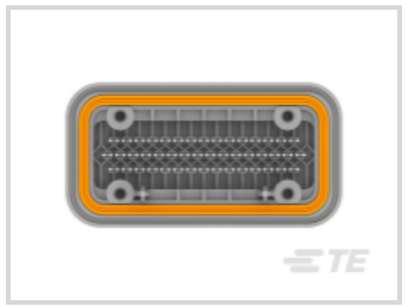
TE Internal #: 2-2331102-1

Vertical, Wire-to-Board, 46 Position, 3 Row, 4mm [.157in] Centerline, Silver (Ag), Sealable, Printed Circuit Board, LEAVYSEAL

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > LEAVYSEAL Connector Headers




PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **23 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

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

All LEAVYSEAL Connector Headers (22)

## Features

### Product Type Features

| | |
|---|---|
| Header Type | Fully Shrouded |
| Connector Shape | Rectangular |
| 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 | 46 |
| Number of Rows | 3 |

### Body Features

| | |
|---|---|
| Connector & Keying Code | B |
| Primary Product Color | Gray |

## Contact Features

| | |
|---|---|
| Mating Tab Thickness | .64 mm[.025 in] |
| Contact Type | Tab |
| Mating Tab Width | 1.5 mm[.059 in] |
| Contact Current Rating (Max) | 23 A |
| Contact Mating Area Plating Material | Silver (Ag) |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Mating Alignment | With |
| PCB Mount Retention | With |
| PCB Mount Alignment | With |
| Connector Mounting Type | Board Mount |

## Housing Features

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

## Usage Conditions

| | |
|---|---|
| Operating Temperature (Max) | 130 °C[266 °F] |
| Operating Temperature Range | -40 – 130 °C[-40 – 266 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

## Packaging Features

| | |
|---|---|
| Packaging Method | Box |
| Packaging Quantity | 90 |

# 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 | 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)<br>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

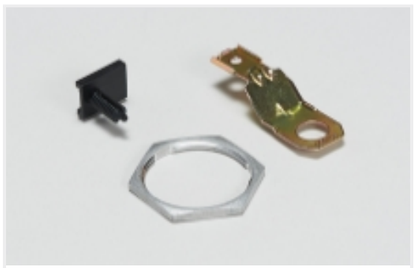


TE Part # 3-2112231-2
46POS,AMP MCP1.5K,REC HSG,ASSY

## Also in the Series | LEAVYSEAL



Automotive Connector Caps & Covers (25)

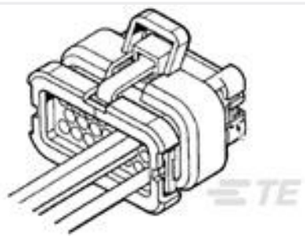


Other Automotive Connector Accessories(15)

## Customers Also Bought



TE Part #227161-1
RTANG JK W/MTG PINS, BNC PCB



TE Part #770680-5
23POS,AMPSEAL,SOC HSG ASSY,SLD, COD 5



TE Part #1-776275-1
8POS,PIN DIA 1.3,HDR ASSY,180DEG, COD 1



TE Part #1-776279-1
8POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1



TE Part #1-963539-1
18pos MQS .63 header 90deg



TE Part #CAT-L489-H342
LEAVYSEAL Connector Headers




TE Part #9-1879510-1
CRGH0805 1% 10K 0.33W



TE Part #2305018-2
USB TYPE C, REC IPX8 ON BOARD DUAL SMT

## Documents

### Product Drawings

TAB HEADER 46POS.

English

### CAD Files

3D PDF

3D

**Customer View Model**

ENG_CVM_CVM_2-2331102-1_A.2d_dxf.zip

English

**Customer View Model**

ENG_CVM_CVM_2-2331102-1_A.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_2-2331102-1_A.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

### Product Specifications

Application Specification

English