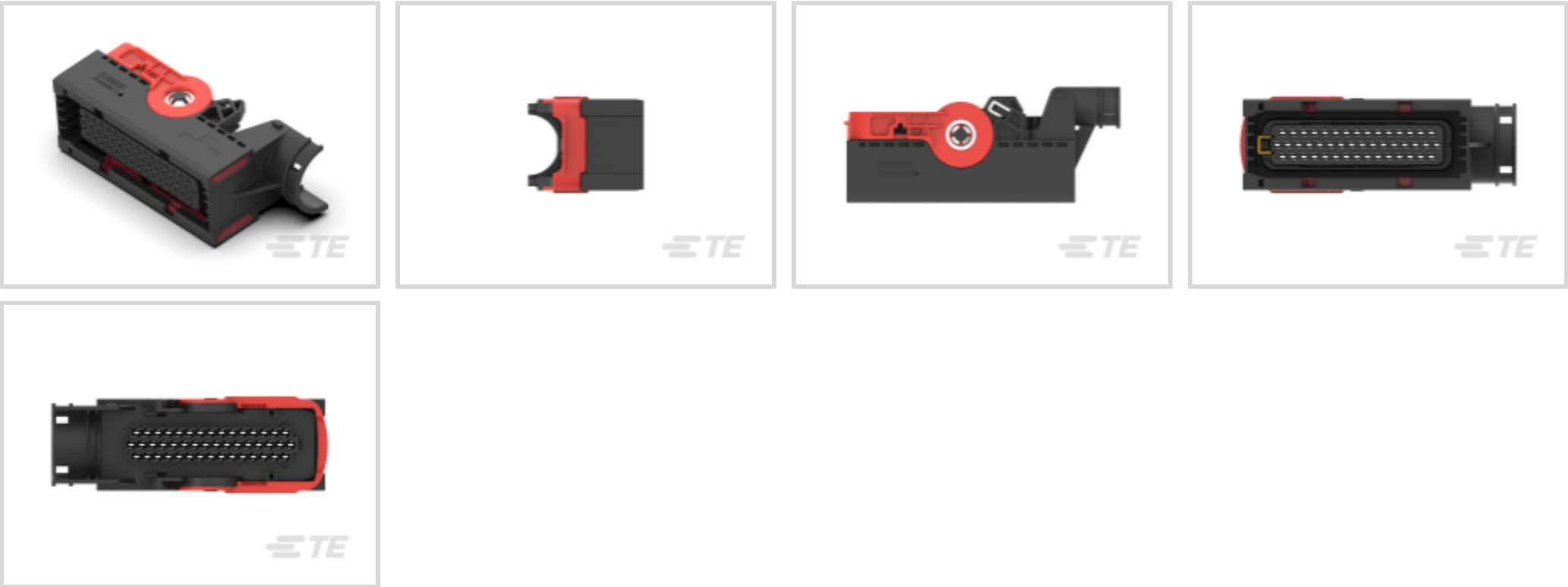




Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Connector Housings



Number of Positions: 46

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 1.6 mm [.063 in]

Connector System: Wire-to-Board, Wire-to-Device

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

[All LEAVYSEAL Connector Housings \(117\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	46
Number of Rows	3

Electrical Characteristics

Operating Voltage	36 VDC
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Nominal Voltage Architecture

12 V, 24 V, 42 V, 48 V, 80 V, 90 V

Body Features

Cable Exit Angle	90°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.5K
Contact Type	Receptacle
Mating Tab Width	1.6 mm[.063 in]
Contact Current Rating (Max)	20 A

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	6 mm[.236 in]
Product Width	43.5 mm[1.713 in]
Product Length	104 mm[4.095 in]
Connector Height	36.4 mm[1.433 in]

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-30 – 120 °C[-22 – 248 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB



Packaging Features

Packaging Quantity	159
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1-2331102-1
TAB HEADER 46POS.




TE Part # 1418884-1
AMP MCP 1.5K, CONTACT, SWS



TE Part # 2112233-1
COVER,90,FOR 46POS

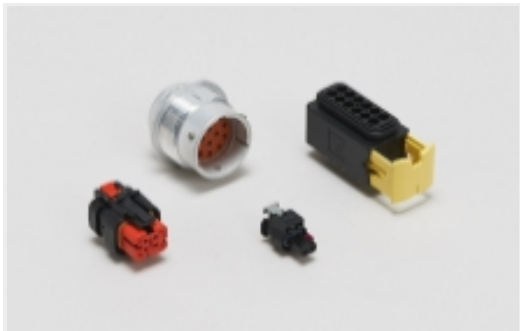
Also in the Series | LEAVYSEAL




Automotive Connector Caps & Covers
(25)



Automotive Connector Locks &
Position Assurance(4)



Automotive Housings(117)




Connector Caps & Covers(1)



Rectangular Power Connectors(12)

Customers Also Bought



TE Part #CAT-L489-CH8172
LEAVYSEAL Connector Housings



TE Part #1SNG614002R0000
EM-EMC4-M16-MET-A



TE Part #CAT-AB0-E21613
EMC Cable Gland (EMC2)



TE Part #CAT-J04-APHH
AMPSEAL PCB Right-Angle Headers



TE Part #3-1703773-1
6POS,TAB 1.6X0.6,PIN HSG,ASSY



TE Part #1SNG606002R0000
EM-RG-M16-MET-A



Documents

Product Drawings

46POS,AMP MCP1.5K,REC HSG,ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2112231-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2112231-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2112231-1_B.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