3-1823449-1 ✔ ACTIVE

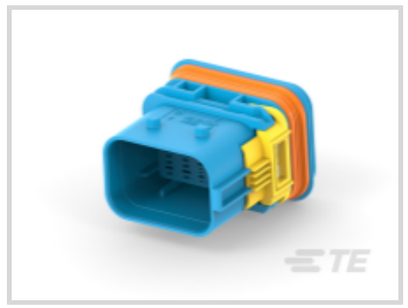
AMP | LEAVYSEAL

TE Internal #: 3-1823449-1

12 V / 24 V, 22 Position, Automotive Housing for Male Terminals, Wire-to-Board / Wire-to-Device / Wire-to-Wire

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > LEAVYSEAL Connector Housings







Nominal Voltage Architecture: **12 V, 24 V**

Connector & Housing Type: **Housing for Male Terminals**

Number of Positions: **22**

Sealable: **Yes**

Operating Temperature Range: **-40 – 120 °C [-40 – 248 °F]**

All LEAVYSEAL Connector Housings (117)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	22
Number of Rows	3, 4

Electrical Characteristics

Operating Voltage	42 VDC

Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Blue
Connector & Keying Code	C

Contact Features

Contact Size	1.6mm, 2.8mm
Contact Type	Tab
Mating Tab Width	1.6 mm, 2.8 mm[.063 in][.11 in]
Contact Current Rating (Max)	10 A, 30 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	4 mm, 6 mm[.157 in][.236 in]

Dimensions

Row-to-Row Spacing	6 mm[.236 in]
Product Width	32.4 mm[1.27 in]
Product Length	48.4 mm[1.9 in]
Connector Height	49 mm[1.94 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
Operating Temperature (Max)	120 °C[248 °F]

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP67, IP69K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	285
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: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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

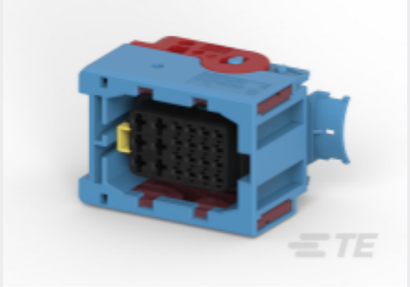
Product Compliance Disclaimer

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 # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # 3-1823440-3
22POS, MIXED,REC HSG,ASSY, SEALED



TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)

Also in the Series | LEAVYSEAL



Automotive Connector Caps & Covers (25)



Automotive Housings(117)

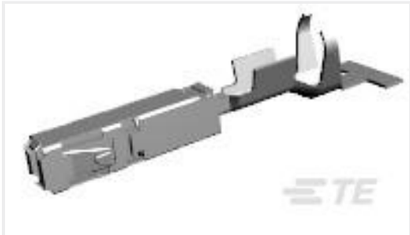
Customers Also Bought



TE Part #5-1419111-1
PT270730



TE Part #6-1419137-4
V23074A2001A403-EV-CBOX



TE Part #1534162-1
AMP MCP 1.5K, CONTACT, SWS



TE Part #1-1630012-6
HSC150 240R 5%



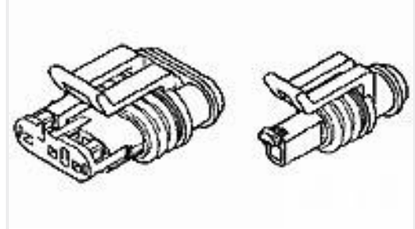
TE Part #1703804-1
SLIDE,FOR TAB HOUSING, 15POS.



TE Part #1703806-1
ADAPTER,SEALED,ASSY



TE Part #CAT-L489-CH8172
LEAVYSEAL Connector Housings



TE Part #282088-2
AMP SUPERSEAL 1.5 SERIES 4P PL

Documents

Product Drawings

22POS, MIXED,TAB HSG,ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1823449-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1823449-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1823449-1_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

German