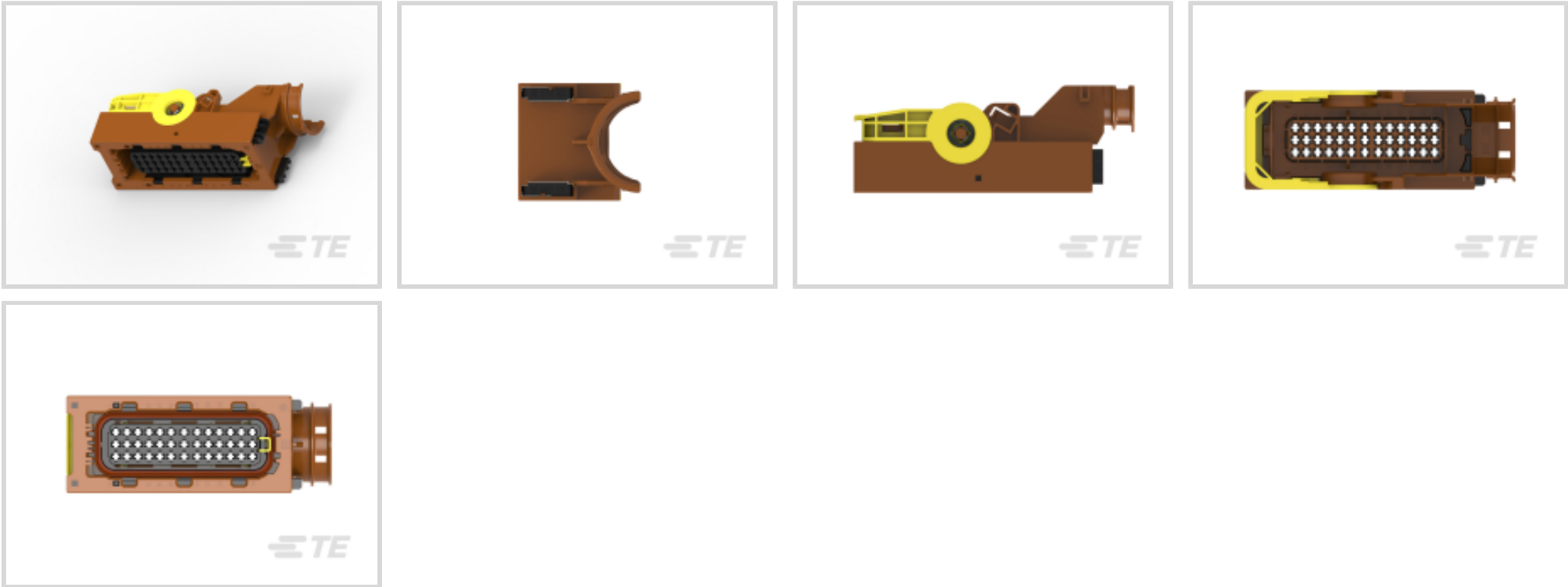




Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Connector Housings



Number of Positions: 39

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: 2.8 mm [.11 in]

Connector System: Wire-to-Wire

Centerline (Pitch): 5 mm [.197 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-Wire |
| Sealable | Yes |
| Primary Locking Feature | Integrated in Housing |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 39 |
| Number of Rows | 3 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 36 VDC |
|-------------------|--------|



Body Features

| | |
|-------------------------|-------|
| Cable Exit Angle | 90° |
| Primary Product Color | Brown |
| Connector & Keying Code | F |

Contact Features

| | |
|------------------------------|----------------|
| Contact Size | 2.8mm |
| Contact Type | Receptacle |
| Mating Tab Width | 2.8 mm[.11 in] |
| Contact Current Rating (Max) | 32 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) | 5 mm[.197 in] |

Dimensions

| | |
|--------------------|-------------------|
| Row-to-Row Spacing | 5.5 mm[.216 in] |
| Product Width | 44 mm[1.73 in] |
| Product Length | 120.5 mm[4.74 in] |
| Connector Height | 46 mm[1.81 in] |

Usage Conditions

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

Operation/Application

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

Industry Standards

| | |
|------------------------|-------------|
| IP Rating | IP67, IP69K |
| UL Flammability Rating | UL 94HB |

Packaging Features



| | |
|--------------------|---------|
| Packaging Quantity | 1 |
| Packaging Method | Package |

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 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 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-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part # 1418882-1
COVER FOR 62POS.REC.HSG



TE Part # CAT-L489-CH8172
LEAVYSEAL Connector Housings



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




TE Part # 6-1418363-1
39 POS TAB 2.8x0.8 HEADER CODE


Also in the Series | LEAVYSEAL




Automotive Connector Locks & Position Assurance(4)




Automotive Headers(22)



Automotive Housings(117)



Connector Caps & Covers(1)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(15)



PCB Headers & Receptacles(22)



Wire-to-Board Headers & Receptacles (22)

Customers Also Bought



TE Part #2-1703843-1
3POS,TAB 1.6X0.6,TAB HSG,ASSY,



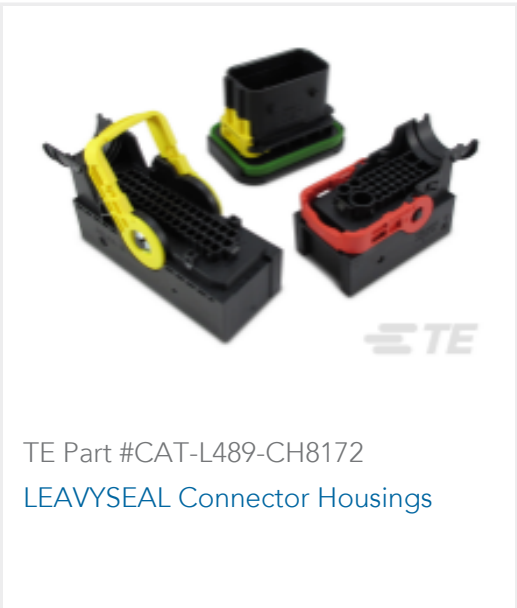
TE Part #2098891-2
4 bay mounting frame assembly



TE Part #2318957-2
REC CONN CVR,24POS,AMP MCP 2.8, FRB



TE Part #1418882-1
COVER FOR 62POS.REC.HSG



TE Part #CAT-L489-CH8172
LEAVYSEAL Connector Housings



TE Part #D02886-000
B-155-9005



TE Part #927849-2
STC REC 6.3 Contact SRC Sn

Documents

Product Drawings

AMP MCP2.8 RECEPTACLE HSG.,39P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1718321-3_D_c-6-1718321-3-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1718321-3_D_c-6-1718321-3-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1718321-3_D_c-6-1718321-3-d.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

English