

6-2208684-3 ✓ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 6-2208684-3

Housing for Female Terminals, Wire-to-Wire / Wire-to-Device / Wire-to-Board, 39 Position, .197 in [5 mm] Centerline, Sealable, Brown, LEAVYSEAL

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Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Housings



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

Mating Tab Width: **2.8 mm [.11 in]**

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

Number of Positions: **39**

Centerline (Pitch): **5 mm [.197 in]**

[All LEAVYSEAL Housings \(64\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	39
Number of Rows	3

Electrical Characteristics

Operating Voltage	36 VDC
Nominal Voltage Architecture	12 V, 24 V



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)	40 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Connector Height	44 mm[1.732 in]
Product Width	46 mm[1.811 in]
Product Length	120.5 mm[4.744 in]
Row-to-Row Spacing	5.5 mm[.217 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 ° F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67, IP69K
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UL Flammability Rating	UL 94V-0
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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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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



Also in the Series | LEAVYSEAL



Automotive Connector Caps & Covers (17)



Automotive Housings(73)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(15)



PCB Headers & Receptacles(16)

Customers Also Bought



TE Part #2035366-7
Backshell,AS16,4P,90Deg,NC08,LP, Plug



TE Part #2-2112162-1
LEAVYSEAL Housings



TE Part #HDP26-24-7SN-CL18
PLG, 7P, BLK, N, 4AWG, RNG, 4/16, S



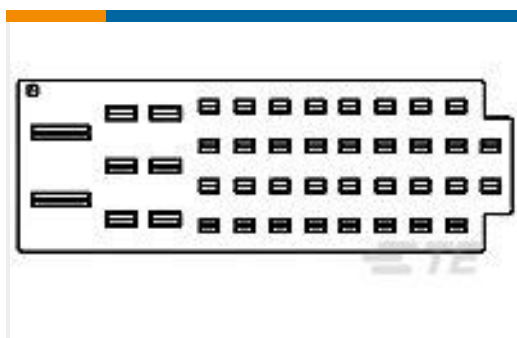
TE Part #1-1718485-5
AMP MCP Backshells



TE Part #1-2112891-2
36POS,TAB 1.5X0.6,TAB HSG,ASSY



TE Part #1062-14-1088
SOC, SF, SIZE 16, 14-18, PD/NI/AU



TE Part #967378-1
DICHTUNG



TE Part #DRCP24-86PA
REC, 86P, BLK, 12/20, A

Documents

Product Drawings

[39POS,AMP MCP2.8,REC HSG,ASSY](#)

English

CAD Files

[3D PDF](#)

[3D](#)



Customer View Model

[ENG_CVM_CVM_6-2208684-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-2208684-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-2208684-3_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

Product Specifications

[Application Specification](#)

German