1703998-1 ✔ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 1703998-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 92 Position, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power, LEAVYSEAL

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Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Connector Housings



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

Number of Positions: **92**

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

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

Sealable: **Yes**

All LEAVYSEAL Connector Housings (64)

Features

Product Type Features

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

Configuration Features

Number of Positions	92
Number of Rows	4

Electrical Characteristics

Operating Voltage	36 VDC

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	1.5 mm[.059 in]
Contact Current Rating (Max)	20 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
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

Connector Height	50.2 mm[1.976 in]
Product Width	44.15 mm[1.738 in]
Product Length	135.8 mm[5.346 in]
Row-to-Row Spacing	4 mm[.157 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Degree of Protection	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	64
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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable 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



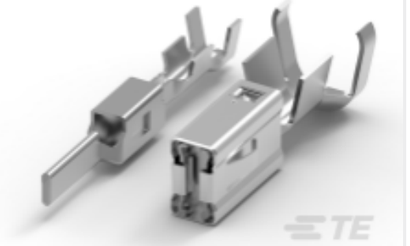
TE Part # CAT-L489-H342
LEAVYSEAL Connector Headers



TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # 1703997-1
COVER,90,DEGREE



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB

Also in the Series | LEAVYSEAL



Automotive Connector Caps & Covers (18)



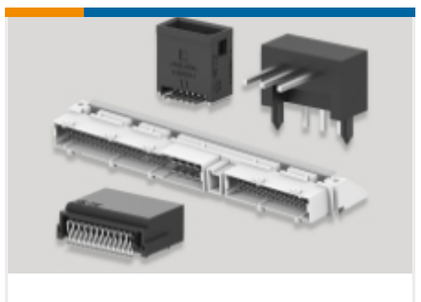
Automotive Housings(79)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(15)

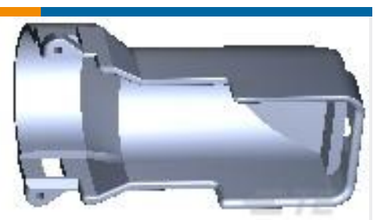


PCB Headers & Receptacles(16)

Customers Also Bought



TE Part #1-1534127-1
LEAVYSEAL Connector Housings



TE Part #9-1394050-1
COVER F.21P REC-HSG



TE Part #2-967402-1
2,5MM ST-GH ASSY 4P



TE Part #1418884-1
AMP MCP, RECEPTACLE AND TAB



TE Part #880192-2
5 WAY FF 110 HSG REC NYLON 66 NATURAL



TE Part #AS012-35PN
RECEPT.2 HOLE MNT.TYPE 0



TE Part #AS016-35PN
RECEPT.2 HOLE MNT.TYPE 0

Documents

Product Drawings

92POS,AMP MCP1.5K,SOCK HSG,ASSY,SEALED

English

CAD Files

Customer View Model

ENG_CVM_CVM_1703998-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1703998-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1703998-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

German

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1969656-1 2005330-1 2377783-2 936348-1 CPF0402B37K4E1 1743455-2 SBCHE64R7K SMW73R0JT TE50BR39J 2-292161-3 3430B2F51RTDF 3631B101LL 917696-1 ROX05SJ18R 141991-2 SBCHE154R7K 2834055-1 1-962915-1 2310537-1 650075-000 U5254-000005-030PA CRGCQ2010J3K3 MPT100C18RF RH73H2A40MKTN 2380312-2 1-794222-0 175977-2 1393431-1 1903112-2 3-1393225-0