

1-1534127-1 ✓ ACTIVE

AMP | LEAVYSEAL

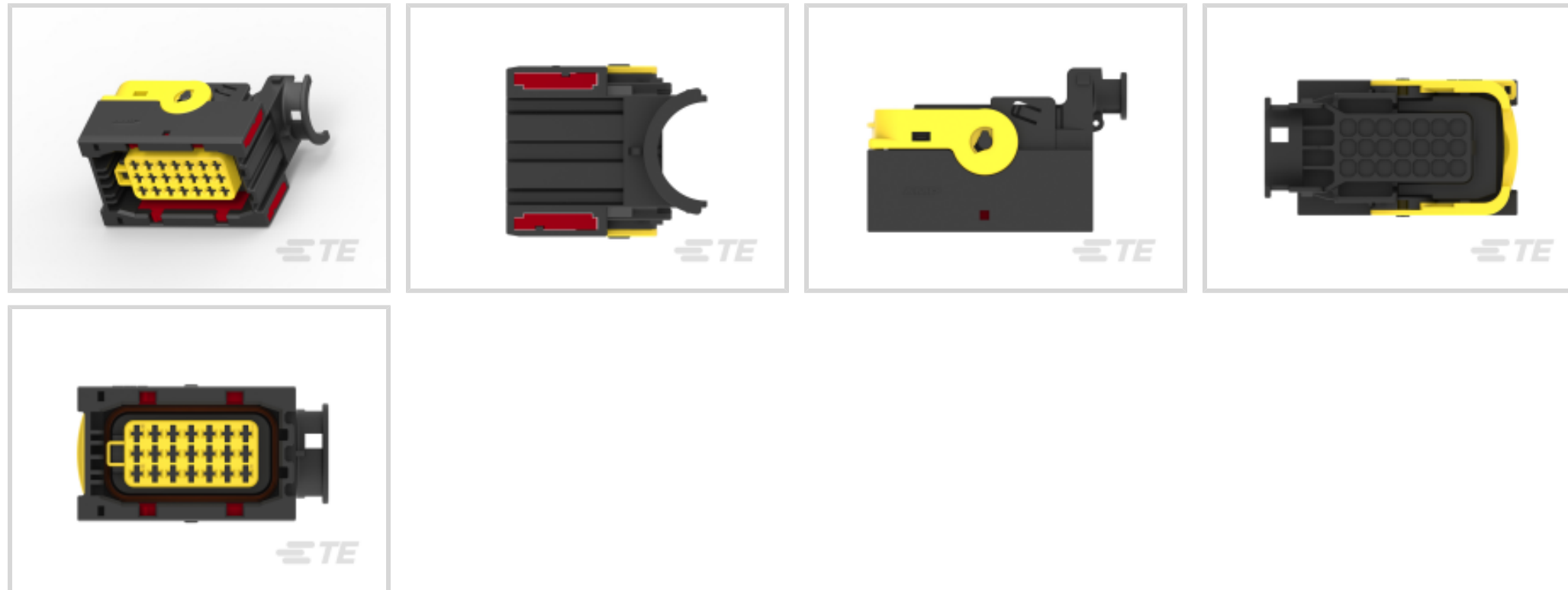
TE Internal #: 1-1534127-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Wire / Wire-to-Board, 21 Position, .197 in [5 mm] Centerline, Sealable, Black, LEAVYSEAL

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Connectors > Automotive Connectors > Connector 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: **21**

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

[All LEAVYSEAL HOUSINGS \(62\)](#)

Features

Product Type Features

Connector & Housing 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	21
Number of Rows	3

Electrical Characteristics

Operating Voltage	28 VDC
Nominal Voltage Architecture	12 V, 24 V



Body Features

Cable Exit Angle	90°
Body Material	PBT GF
Primary Product Color	Black
Connector Code	A

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

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Dimensions

Product Width	43.7 mm[1.72 in]
Product Length	69.2 mm[2.724 in]
Product Height	37.9 mm[1.492 in]
Row-to-Row Spacing	6.9 mm[.272 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, IP6K9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	160
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 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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 # 1-2112162-1
21POS, TAB 2.8X0.8, TAB HSG, SEALED ASSY



TE Part # 1579007-1
AUSDRUECKWERKZEUG



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



TE Part # CAT-L489-H342
LEAVYSEAL HEADERS



TE Part # CAT-L489-B128
LEAVYSEAL BACKSHELLS



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



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




TE Part # 1-2331098-1
TAB HEADER 21POS.


Also in the Series | **LEAVYSEAL**




Automotive Connector Caps & Covers (16)



Automotive Housings(64)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(15)



PCB Headers & Receptacles(13)

Customers Also Bought



TE Part #1-1418883-1
LEAVYSEAL HOUSINGS



TE Part #1394050-2
COVER F.21P REC-HSG



TE Part #6-968974-1
AMP MCP, UNSEALED CONNECTOR HOUSING



TE Part #5-967629-1
TAB HOUSING, 2.8MM, 18POS.



Documents

Product Drawings

[AMP MCP 2.8 SOCKET HSG.,21POS.ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1534127-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1534127-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1534127-1_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

German

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English