



Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL HOUSINGS



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

Mating Tab Width: **1.5 mm, 2.8 mm** [.059 in, .11 in]

Connector System: **Wire-to-Wire**

Number of Positions: **62**

Centerline (Pitch): **4 mm, 5 mm** [.157 in, .197 in]

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

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	62
Number of Rows	3, 4

Electrical Characteristics

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

Body Features

Cable Exit Angle	90°
Primary Product Color	Black
Connector & Keying Code	A



Contact Features

Contact Size	1.5mm, 2.5mm
Contact Type	Tab
Mating Tab Width	1.5 mm, 2.8 mm[.059 in][.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	Panel Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm, 5 mm[.157 in][.197 in]

Dimensions

Connector Height	45.8 mm[1.803 in]
Product Width	70.7 mm[2.783 in]
Product Length	113.25 mm[4.459 in]
Row-to-Row Spacing	5.5 mm, 6.3 mm[.217 in][.248 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
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	80
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 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-CH8172
LEAVYSEAL HOUSINGS



TE Part # CAT-L489-B128
LEAVYSEAL Backshells



TE Part # CAT-L489-M8649
LEAVYSEAL MOUNTING ACCESSORIES



TE Part # 964972-1
EINZELLEITERDICHTUNG



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

TE Part # 1718328-1
FIXING SLIDE

TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

TE Part # 1-2293551-1
62POS,MIXED,REC HSG,ASSY,SLD

TE Part # 8-1579018-1
INSERTION TOOL

TE Part # 2-964269-2
TAB A 1.6x0.6 CONTACT CF SWS Ag

TE Part # 2347295-1

TE Part # 2347301-1

TE Part # 2347302-1

Also in the Series | LEAVYSEAL

Automotive Connector Caps & Covers
(16)

Automotive Housings(64)

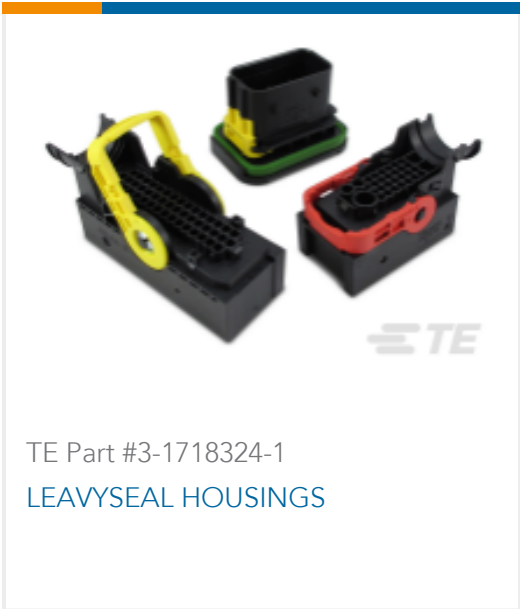
Insertion & Extraction Tools(5)

Other Automotive Connector
Accessories(15)


PCB Headers & Receptacles(13)

Customers Also Bought







TE Part #3-1718324-1
LEAVYSEAL HOUSINGS



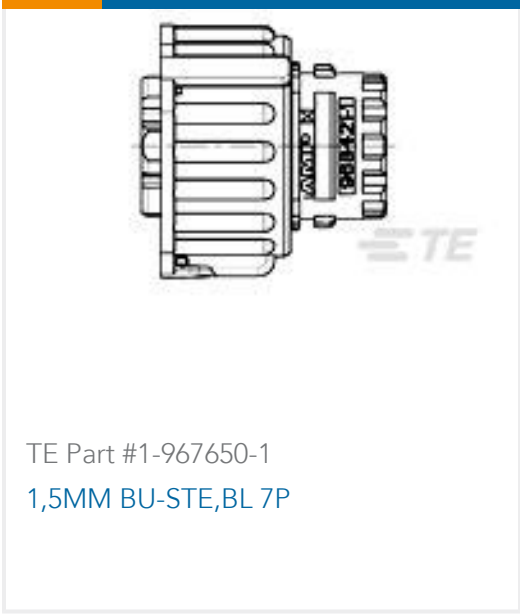
TE Part #776533-2
AMPSEAL 16 Housings




TE Part #1813123-1
ASSY FOR SUPPORT PLATE AND SEALING



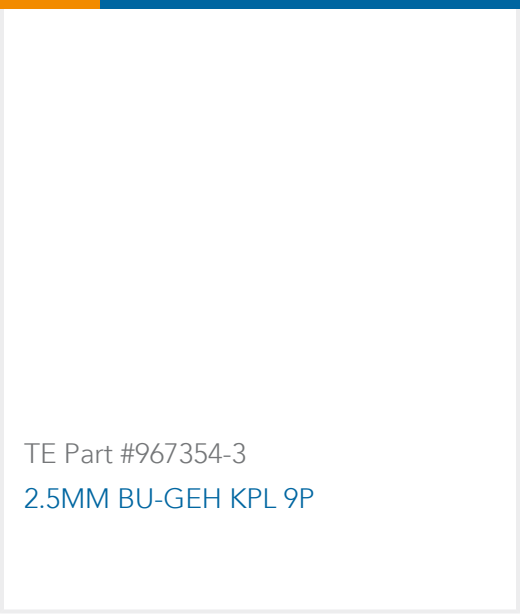
TE Part #964269-2
TAB A 1.6x0.6 CONTACT CF SWS Sn



TE Part #1-967650-1
1,5MM BU-STE,BL 7P



TE Part #1599560-1
ASSY TERM RING TONGUE NUT M4



TE Part #967354-3
2.5MM BU-GEH KPL 9P

Documents

Product Drawings
1.5/2.8MM TAB HSG.,62POS.,ASSY
English
1.5/2.8MM TAB HSG.,62POS.,ASSY
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1718324-1_D1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-1718324-1_D1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1718324-1_D1.3d_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

1-1718324-1

Housing for Male Terminals, Wire-to-Wire, 62 Position, .197 in / .157 in [5 mm / 4 mm]
Centerline, Sealable, Black, Signal, Panel Mount, LEAVYSEAL

