

1-1718324-1 ✓ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 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

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Connectors > Automotive Connectors > Connector 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 & Housing 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°
Body Material	PBT GF
Primary Product Color	Black



Connector Code	A
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### 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

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

### Housing Features

Centerline (Pitch)	4 mm, 5 mm [.157 in][.197 in]
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### Dimensions

Product Width	70.7 mm [2.783 in]
Product Length	113.25 mm [4.459 in]
Product Height	45.8 mm [1.803 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
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Packaging Method	Box
<b>Other</b>	
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: JAN 2022 (223) 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

 <p>TE Part # CAT-L489-B128 LEAVYSEAL BACKSHELLS</p>	 <p>TE Part # CAT-L489-CH8172 LEAVYSEAL HOUSINGS</p>	 <p>TE Part # 964972-1 EINZELLEITERDICHTUNG</p>	 <p>TE Part # 828905-1 SINGLE-WIRE-SEAL(5MM HOLE)</p>
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TE Part # CAT-L489-M8649  
LEAVYSEAL MOUNTING ACCESSORIES



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 # 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



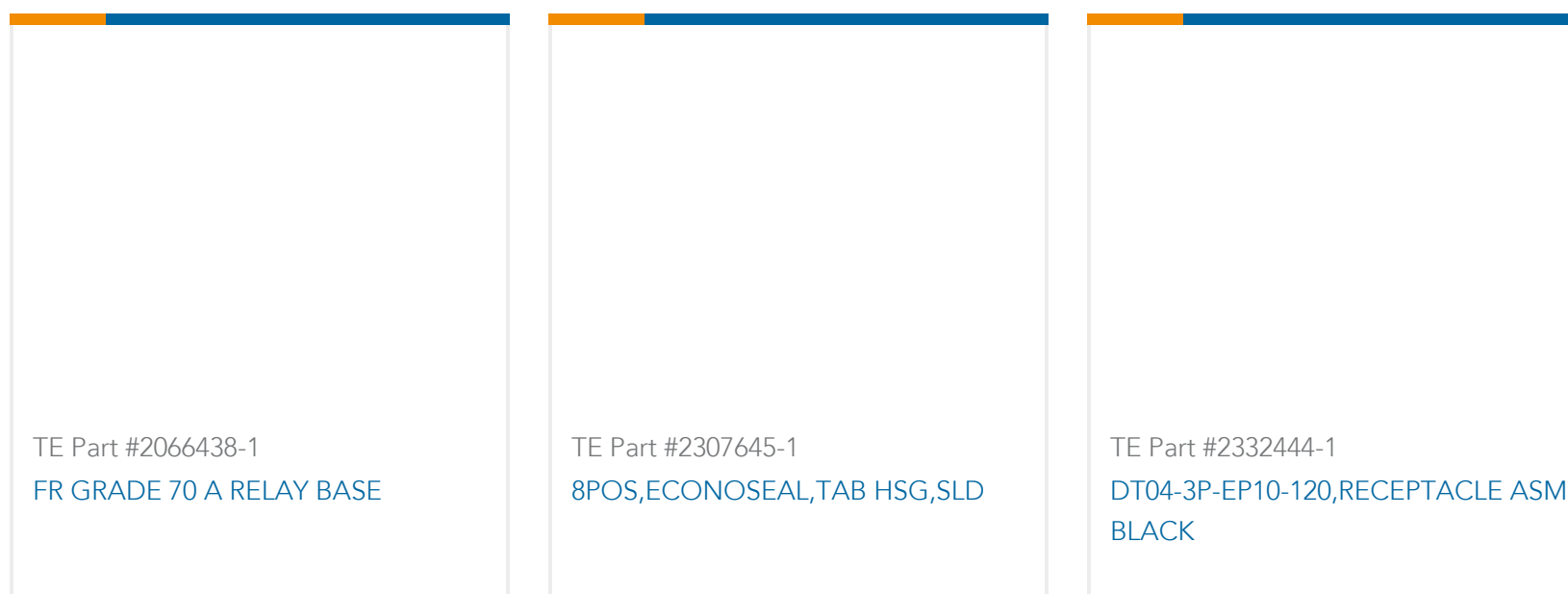
TE Part #1-963223-2  
J-P-T GEH KPL 29P



TE Part #2-1718324-1  
LEAVYSEAL HOUSINGS

TE Part #1-2349482-1  
4 POS DIA 2.5 SOCKET CONNECTOR HSG

TE Part #2066064-3  
SLOW BLOW FUSE BOX ASSEMBLY



## 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\\_D\\_c-1-1718324-1-d.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1718324-1\\_D\\_c-1-1718324-1-d.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1718324-1\\_D\\_c-1-1718324-1-d.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