

3-1418883-1 ✓ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 3-1418883-1

Housing for Female Terminals, Wire-to-Device / Wire-to-Wire /

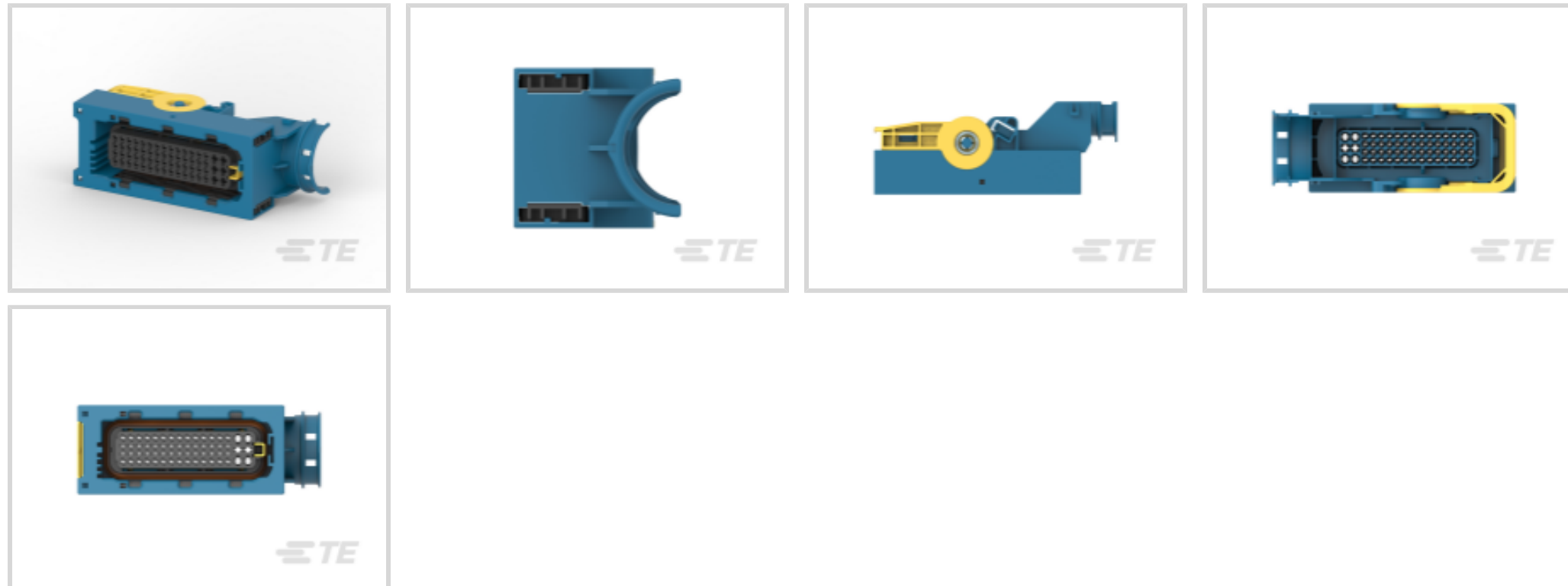
Wire-to-Board, 62 Position, .197 in / .157 in [5 mm / 4 mm]

Centerline, LEAVYSEAL

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Connectors > Automotive Connectors > Connector Housings > LEAVYSEAL HOUSINGS



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

Mating Tab Width: **1.6 mm, 2.8 mm** [ .063 in, .11 in ]

Connector System: **Wire-to-Board, Wire-to-Device, 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 Female Terminals
Connector System	Wire-to-Board, Wire-to-Device, 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	Blue
Connector Code	C

### Contact Features

Contact Size	1.5K, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.6 mm, 2.8 mm [.063 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	Cable Mount (Free-Hanging)

### Housing Features

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

Product Width	46 mm [1.811 in]
Product Length	120.5 mm [4.744 in]
Product Height	44 mm [1.732 in]
Row-to-Row Spacing	3 mm [.118 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 94HB
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### Packaging Features

Packaging Quantity	117
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Packaging Method	Box
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### Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)  Candidate List Declared Against: JUNE 2022 (224)  SVHC &gt; Threshold:  Octamethylcyclotetrasiloxane (D4) (.15% in component part)  Decamethylcyclopentasiloxane (D5) (.15% in component part)  Dodecamethylcyclohexasiloxane (D6) (.15% in component part)</p>
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**Article Safe Usage Statements:**

Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # 3-1718324-1  
1.5/2.8MM TAB HSG.,62POS.,ASSY



TE Part # 1418882-1  
COVER FOR 62POS.REC.HSG



TE Part # 964972-1  
EINZELLEITERDICHTNG



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



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



TE Part # 4-1579018-8  
EXTRACTION TOOL




TE Part # 5-1579018-0  
EXTRACTION TOOL




TE Part # 8-1579018-1  
INSERTION TOOL


## Also in the Series | LEAVYSEAL




Automotive Connector Caps & Covers  
(16)



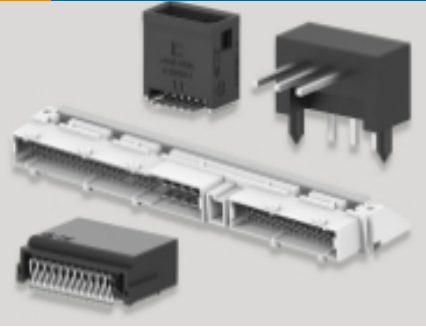
Automotive Housings(64)



Insertion & Extraction Tools(5)



Other Automotive Connector  
Accessories(15)



PCB Headers & Receptacles(13)

## Documents

[Product Drawings](#)  
62.POS.MIXED REC.HSG



English

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**CAD Files**

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1418883-1\\_C.2d\\_dxf.zip](#)

English

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1418883-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1418883-1\\_C.3d\\_stp.zip](#)

English

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

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**Datasheets & Catalog Pages**

[ICT Terminals and Connectors Catalogue](#)

English

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**Product Specifications**

[Application Specification](#)

German