



Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Housings



Connector System: Wire-to-Board, Wire-to-Device, Wire-to-Wire  
Number of Positions: 62  
Connector & Housing Type: Housing for Female Terminals  
Centerline (Pitch): 4 mm, 5 mm [ .157 in, .197 in ]  
Sealable: Yes

[All LEAVYSEAL Housings \(64\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Device, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	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
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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

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	44 mm[1.732 in]
Product Width	46 mm[1.811 in]
Product Length	120.5 mm[4.744 in]
Row-to-Row Spacing	8 mm[.315 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	117
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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-H342  
LEAVYSEAL Headers



TE Part # 1-1718324-1  
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  
(18)

Automotive Housings(79)

Insertion & Extraction Tools(5)

Other Automotive Connector  
Accessories(15)

PCB Headers & Receptacles(16)

Customers Also Bought


TE Part # 2-1718324-1  
1.5/2.8MM TAB HSG.,62POS.,SEALED

TE Part # 284742-1  
60 POS CONN + COVER AND CPS KI


TE Part # 964972-1  
EINZELLEITERDICHTNG

TE Part # 963531-1  
BLINDSTOPFEN






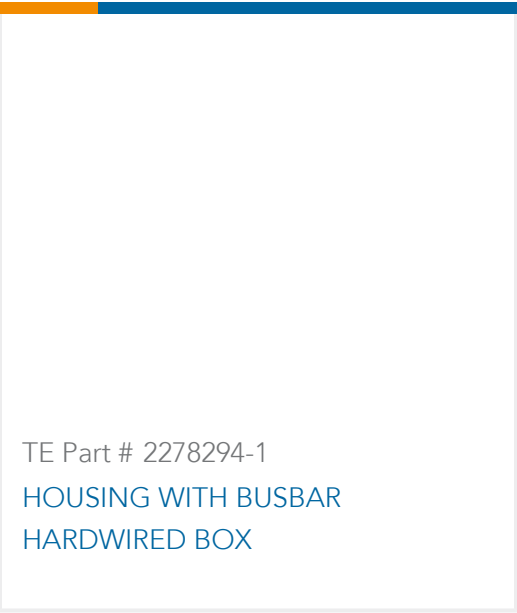
TE Part # T1320060113-000  
H6B-TG-PG13.5



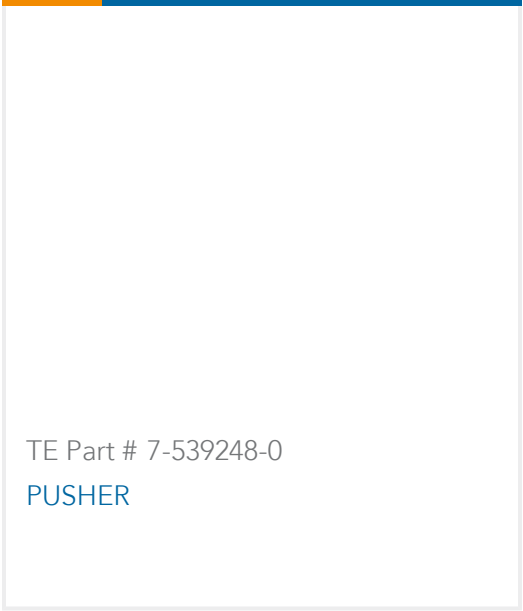
TE Part # 1241380-3  
AMP MCP, RECEPTACLE AND TAB



TE Part # 2392221-2  
SDE AMP MCP 2.8 0.21-0.35 DIE SET



TE Part # 2278294-1  
HOUSING WITH BUSBAR  
HARDWIRED BOX



TE Part # 7-539248-0  
PUSHHER

Documents

Product Drawings  
62.POS.MIXED REC.HSG

English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1-1418883-1\_C.2d\_dxf.zip

English

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_1-1418883-1\_C.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_1-1418883-1\_C.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