



Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Housings



Connector System: **Wire-to-Wire**  
Number of Positions: **39**  
Connector & Housing Type: **Receptacle**  
Centerline (Pitch): **5.5 mm [ .21 in ]**  
Sealable: **Yes**

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

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Receptacle
Sealable	Yes
Primary Locking Feature	Contact Retainer

Configuration Features

Blank Cavity Position	0
Number of Positions	39
Number of Rows	3

Electrical Characteristics

Operating Voltage	36 VDC
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Body Features

Cable Exit Angle	90°
Primary Product Color	Brown
Connector & Keying Code	F

Contact Features

Contact Size	2.8mm
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	25 A

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5.5 mm[.21 in]

Dimensions

Connector Height	45.93 mm
Product Width	47.1 mm
Product Length	125 mm
Row-to-Row Spacing	5 mm
Compatible Insulation Diameter Range	2.2 – 3 mm

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP67, IP69K
Agency/Standard	LV214

Packaging Features

Packaging Quantity	44
Packaging Method	Standard



Other

Serviceable	Yes
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 6-1718323-1

2.8MM TAB HSG.,39POS.,ASSY

Also in the Series | LEAVYSEAL



Automotive Connector Caps & Covers (17)



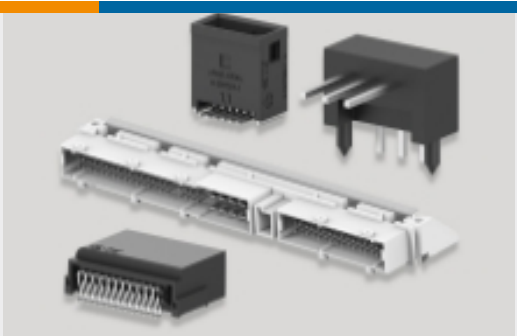
Automotive Housings(79)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(15)



PCB Headers & Receptacles(16)

Customers Also Bought



TE Part #788189-2  
CPC 17-3 RCPT ASY,REV SEX



TE Part #2-330648-1  
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #2177090-3  
STEEL,OUTER FERRULE,8MM HV, 25SQMM



TE Part #1-1633961-2  
CRIMPER, INSULATION F PREMIUM



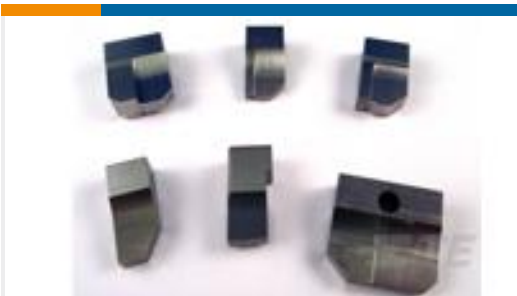
TE Part #1587940-3  
CABLE SEAL RETAINER, SIZE C



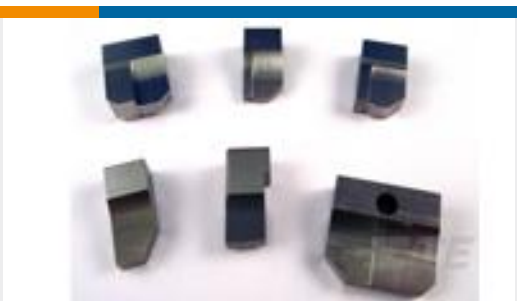
TE Part #2103013-3  
CABLE SEAL RETAINER, SIZE 2, OR, HVA280



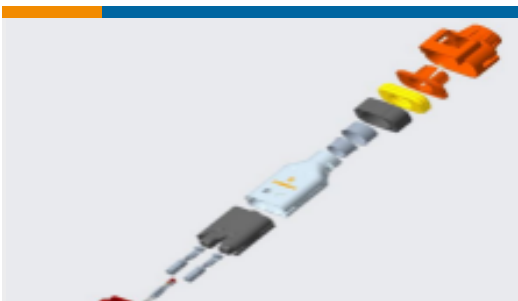
TE Part #2208669-3  
8MM HV, CONTACT,ASSY



TE Part #4-1633932-0  
ANVIL, COMBINATION



TE Part #464291-5  
ANVIL, SAND-BLASTED 12-10



TE Part #YHV280-2PM-P-4MM-B  
HVA280-2phm,pass,4sqmm,Key B

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-2368393-7\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-2368393-7\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-2368393-7\_A.3d\_stp.zip

English

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

Product Specifications

Application Specification

German