

1-1823440-3 ACTIVE

AMP | LEAVYSEAL

TE Internal #: 1-1823440-3

22 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4 mm / 6 mm [.157 in / .236 in] Centerline, Sealable, Black, Wire & Cable, LEAVYSEAL

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Automotive Parts > Automotive Connectors > Automotive Housings > LEAVYSEAL Connector Housings



Number of Positions: **22**

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

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

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

Centerline (Pitch): **4 mm, 6 mm [.157 in, .236 in]**

[All LEAVYSEAL Connector Housings \(117\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	22
Number of Rows	3, 4

Electrical Characteristics

Operating Voltage	42 VDC
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Body Features

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

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)	20 A, 32 A

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	4 mm, 6 mm [.157 in] [.236 in]

Dimensions

Row-to-Row Spacing	4 mm, 5.5 mm [.157 in] [.216 in]
Product Width	37 mm [1.46 in]
Product Length	69.7 mm [2.74 in]
Connector Height	42.5 mm [1.67 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67, IP69K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	180
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

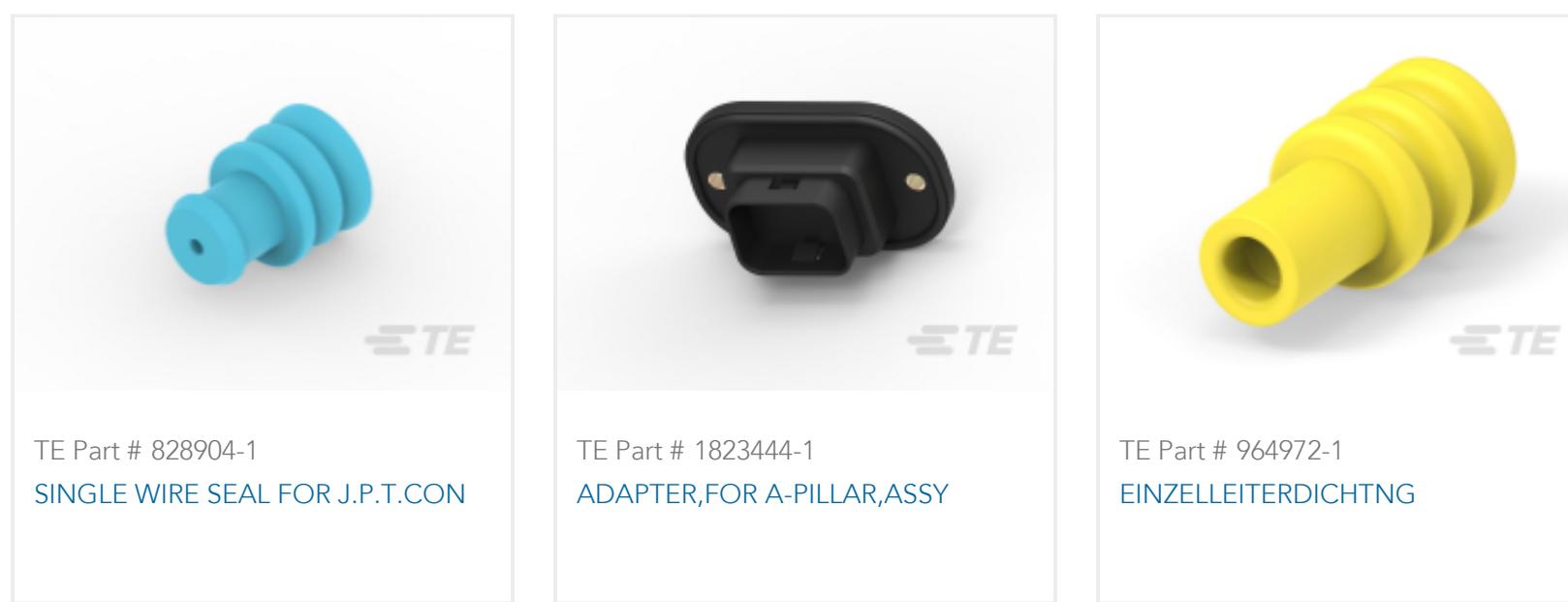
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

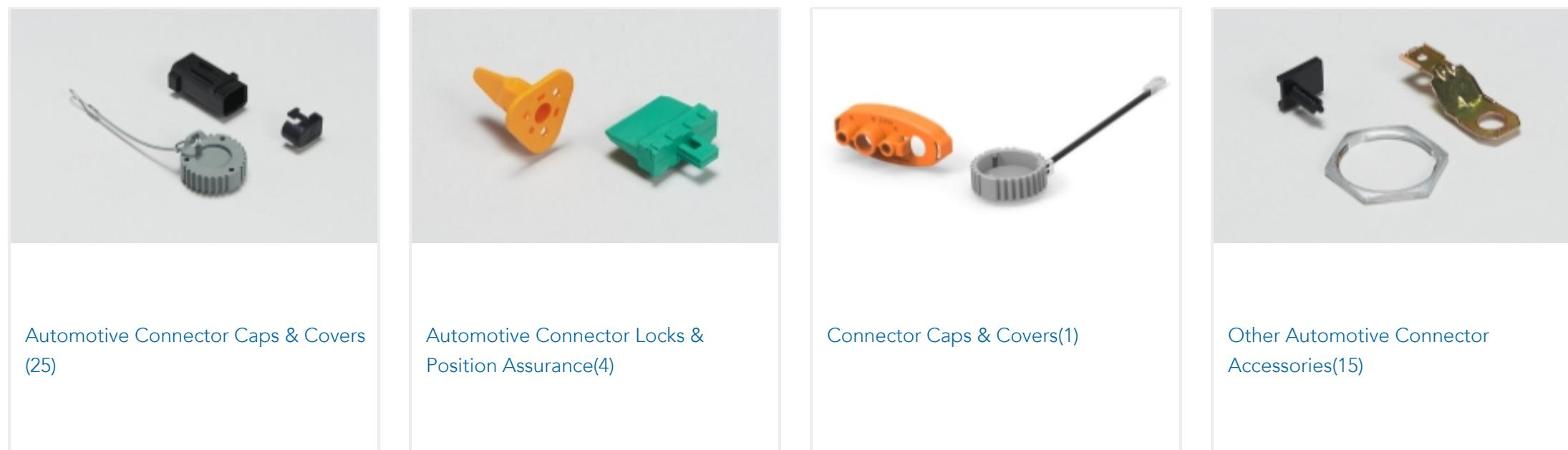
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

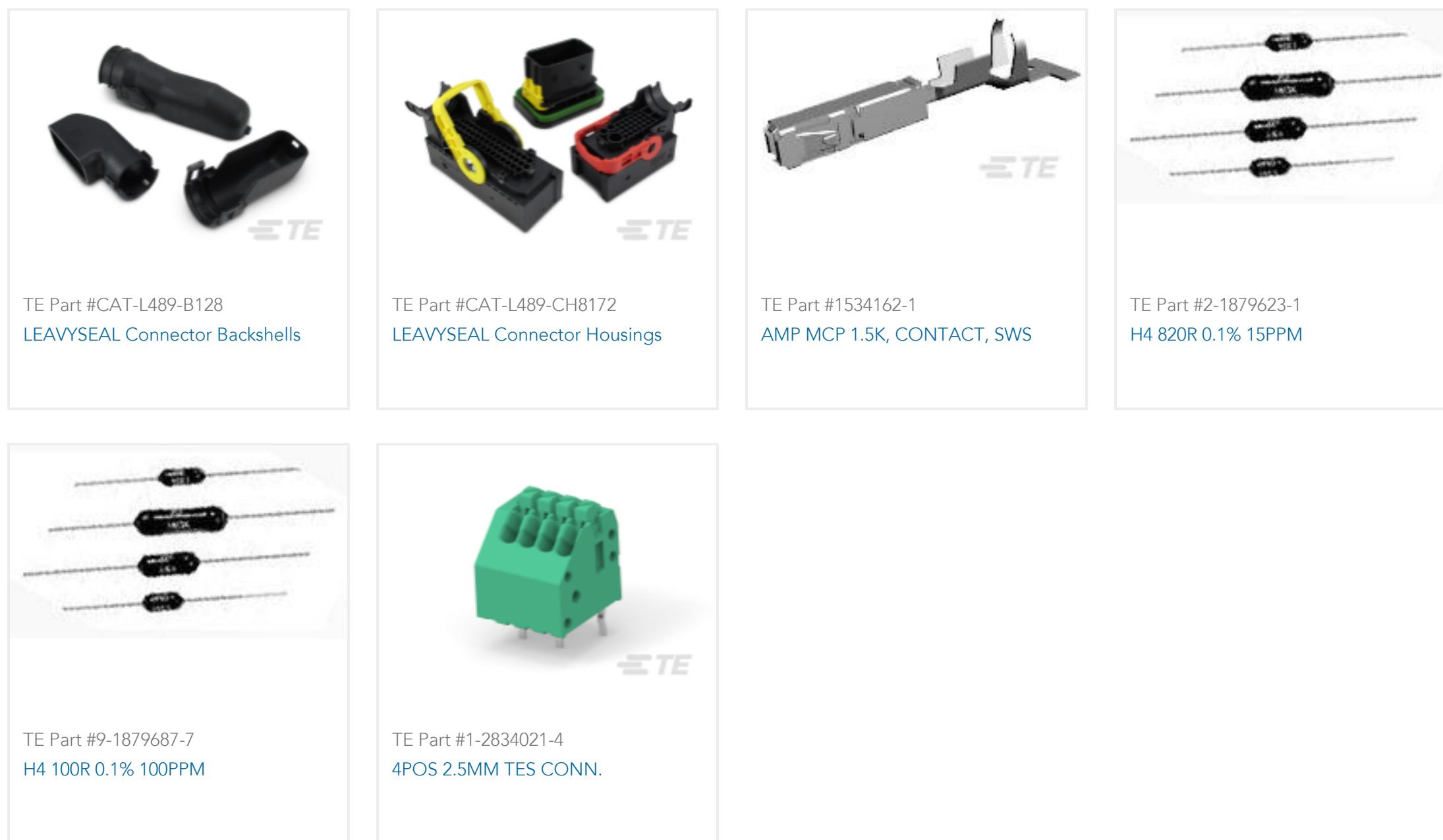
 TE Part # CAT-AM705-T273 AMP MCP, RECEPTACLE AND TAB	 TE Part # CAT-L489-CH8172 LEAVYSEAL Connector Housings	 TE Part # 828905-1 SINGLE-WIRE-SEAL(5MM HOLE)	 TE Part # CAT-L489-B128 LEAVYSEAL Connector Backshells
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Also in the Series | LEAVYSEAL



Customers Also Bought



Documents

Product Drawings

[22POS, MIXED,REC HSG,ASSY,SEALED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model[ENG_CVM_CVM_1-1823440-3_C.2d_dxf.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-1823440-3_C.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-1823440-3_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages****LEAVYSEAL CONNECTORS**

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications**Application Specification**

German