

2138846-1 ✓ ACTIVE

DEUTSCH | AMPSEAL 16

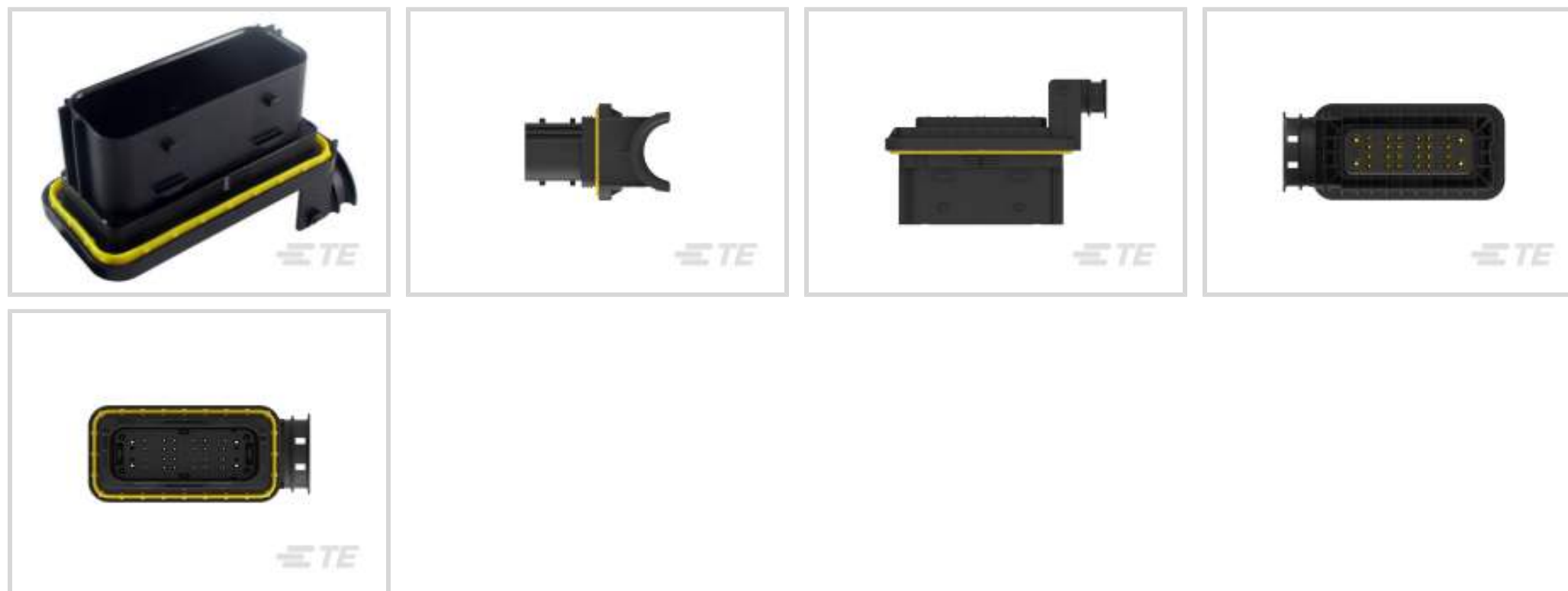
TE Internal #: 2138846-1

Housing for Male Terminals, Wire-to-Wire, 28 Position, .209 in [5.3 mm] Centerline, Sealable, Black, Panel Mount, AMPSEAL 16

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Connectors > Automotive Connectors > Automotive Housings > AMPSEAL 16 Hybrid Lever Housings



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

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

Number of Positions: **28**

Centerline (Pitch): **5.3 mm [.209 in]**

Sealable: **Yes**

[All AMPSEAL 16 Hybrid Lever Housings \(4\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	28
Number of Rows	4

Electrical Characteristics

Operating Voltage	550 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V, 500 V, 550 V



Body Features

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

Contact Features

Contact Size	Size 12, Size 16
Contact Current Rating (Max)	13 A, 25 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	5.3 mm [.209 in]

Dimensions

Connector Height	48.45 mm [1.907 in]
Product Width	72.75 mm [2.864 in]
Product Length	111.25 mm [4.38 in]
Row-to-Row Spacing	5.9 mm [.232 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	10
Packaging Method	Tray

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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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-H991-M8649
AMPSEAL 16 Hybrid Lever Mounting



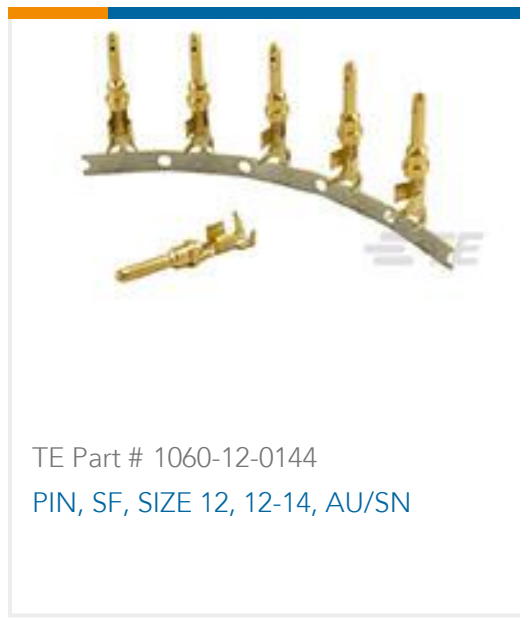
TE Part # CAT-AM7801-T273
Contacts: Size 16, 13A



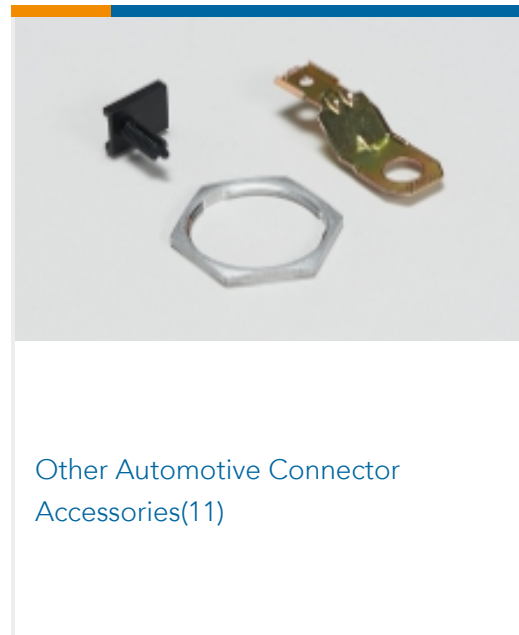
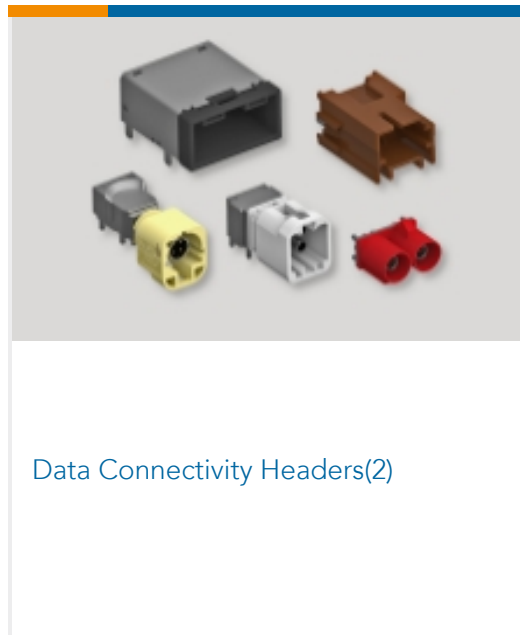
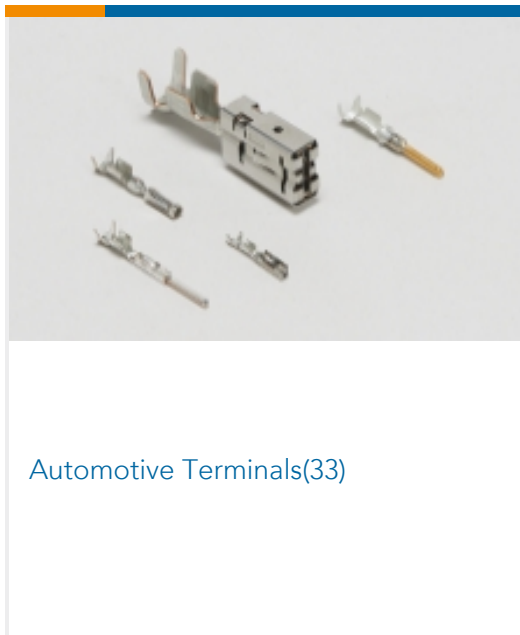
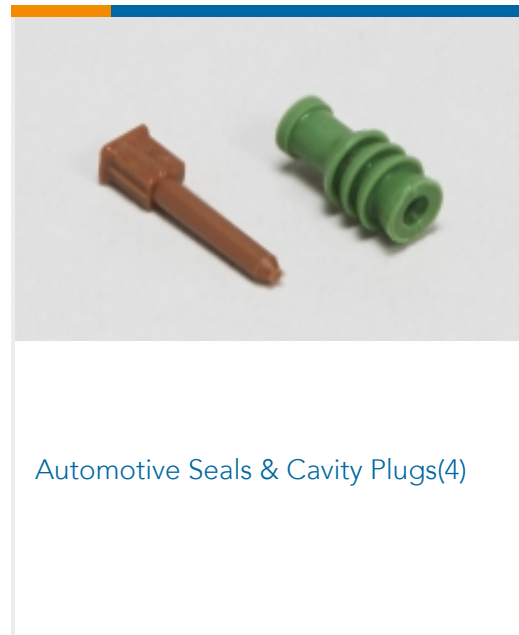
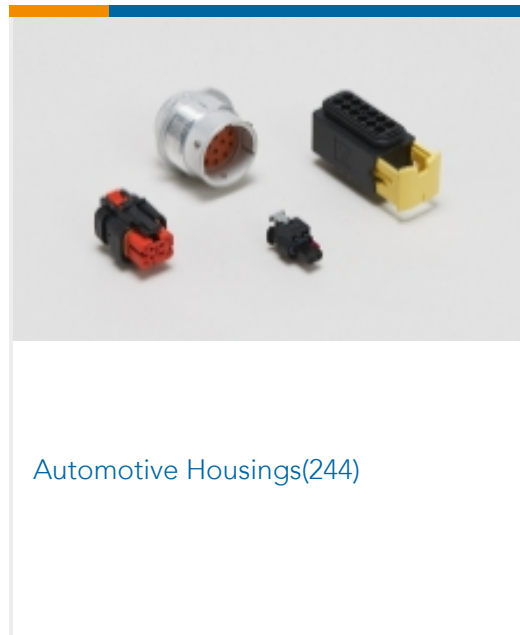
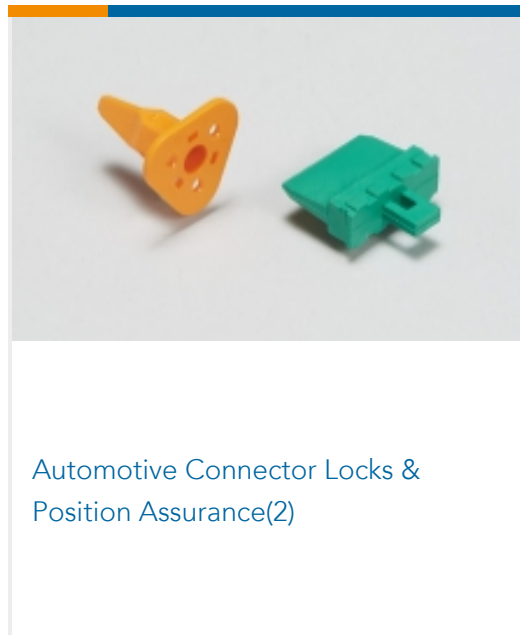
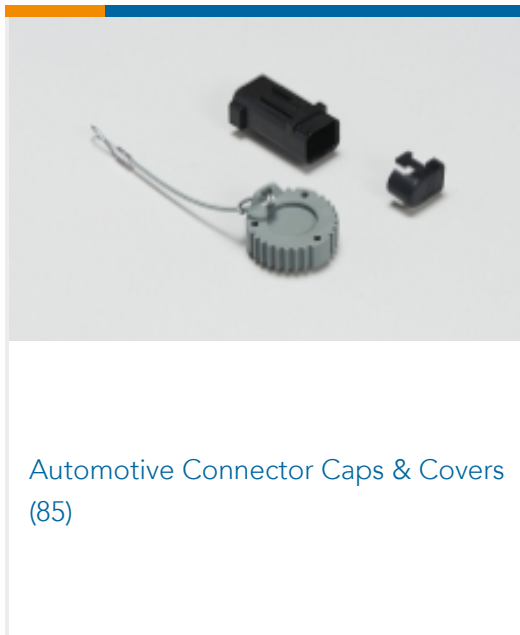
TE Part # 2138853-1
WIRE EXIT COVER, AMPSEAL 16 HL



TE Part # CAT-H991-CH8172
AMPSEAL 16 Hybrid Lever Housings

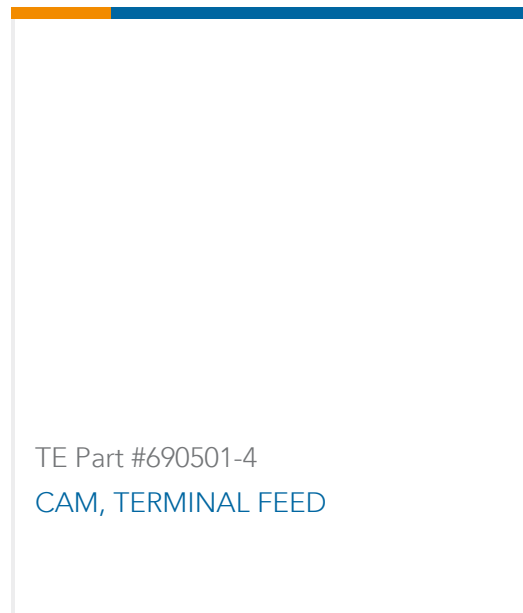


Also in the Series | **AMPSEAL 16**



Customers Also Bought





Documents

Product Drawings

[CAP ASSY, 28 POS, KEY A, AMPSEAL 16 HL](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_2138846-1_B.2d_dxf.zip](#)

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[Customer View Model](#)

[ENG_CVM_CVM_2138846-1_B.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2138846-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

["AMPSEAL 16 HL" \(ICT\)](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

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