



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



Nominal Voltage Architecture: 12 V

Connector & Housing Type: Plug

Number of Positions: 28

Sealable: Yes

Operating Temperature Range: -55 – 125 °C [ -67 – 257 °F ]

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

Features

Product Type Features

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

Configuration Features

Number of Positions	28
Number of Rows	4

Electrical Characteristics

Operating Voltage	550 VDC
Nominal Voltage Architecture	12 V



Body Features

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

Contact Features

Contact Size	Size 12, Size 16
Mating Pin Diameter	1.5 mm, 2.4 mm[.062 in][.095 in]
Contact Current Rating (Max)	13 A, 25 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	5.3 mm[.209 in]

Dimensions

Row-to-Row Spacing	4.7 mm, 11.7 mm[.185 in][.46 in]
Product Width	46.2 mm[1.82 in]
Product Length	116.5 mm[4.58 in]
Connector Height	54.4 mm[2.14 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Power
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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-D48-SFT273  
DEUTSCH Connector Stamped and Formed Contacts - Reel



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



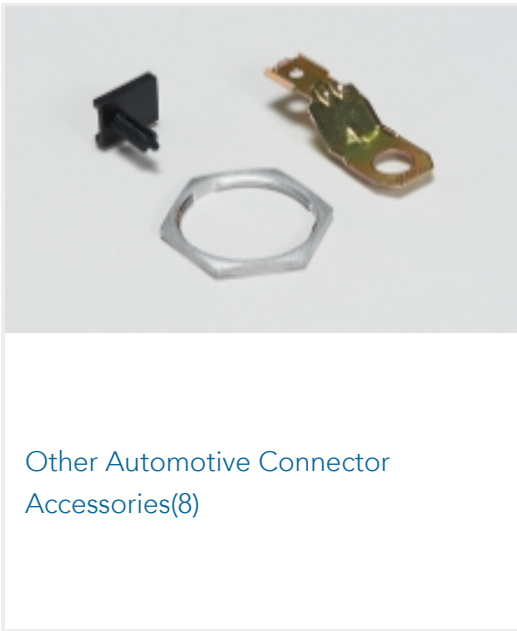
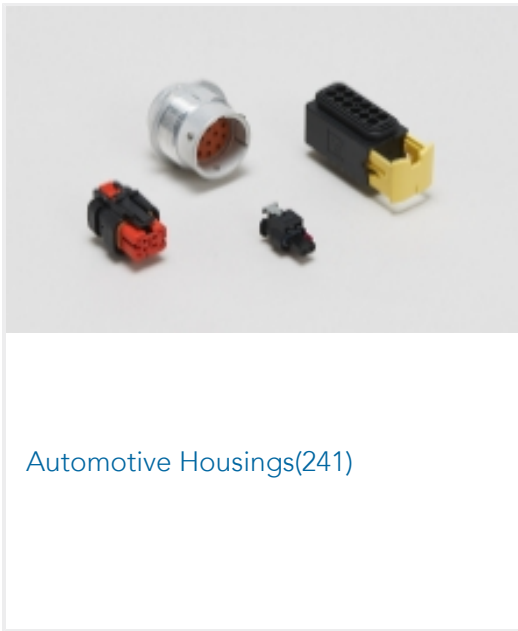
TE Part # 2138853-1  
WIRE EXIT COVER, AMPSEAL 16 HL



TE Part # 2138846-2  
CAP ASSY, 28 POS, KEY B, AMPSEAL 16 HL



Also in the Series | AMPSEAL 16



Customers Also Bought



Documents

Product Drawings  
PLUG ASSY, 28 POS, KEY B, AMPSEAL 16 HL

English

CAD Files  
3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_2138839-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2138839-2\\_B.3d\\_igs.zip](#)

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Customer View Model

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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](#)

English