



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



Connector & Housing Type: **Housing for Female 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 Female 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	Brown
Connector & Keying Code	B

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	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	46.25 mm[1.821 in]
Product Width	82.75 mm[3.258 in]
Product Length	116.5 mm[4.587 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: JUNE 2023 (235) 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-AM7801-T273
Contacts: Size 16, 13A

TE Part # 776363-1
SEALING PLUG, SZ 16 CAVITY

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

TE Part # 776106-1
EXTRACTION TOOL



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

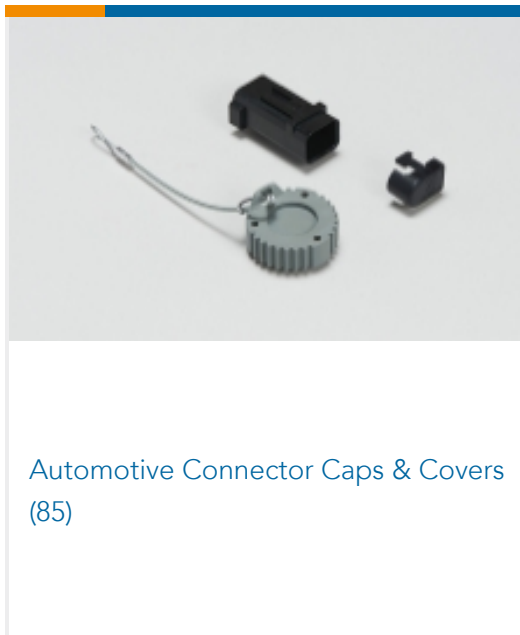


TE Part # 1062-12-0144
SOC, SF, SIZE 12, 12-14, AU/SN

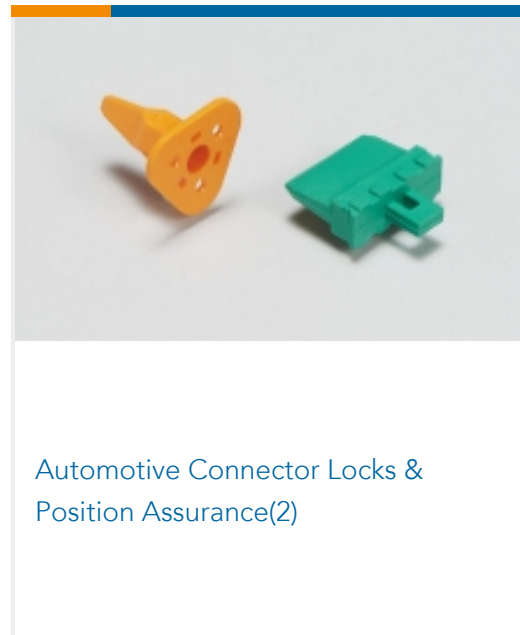


TE Part # 1062-12-0222
SOC, SF, SIZE 12, 10, NI/NI

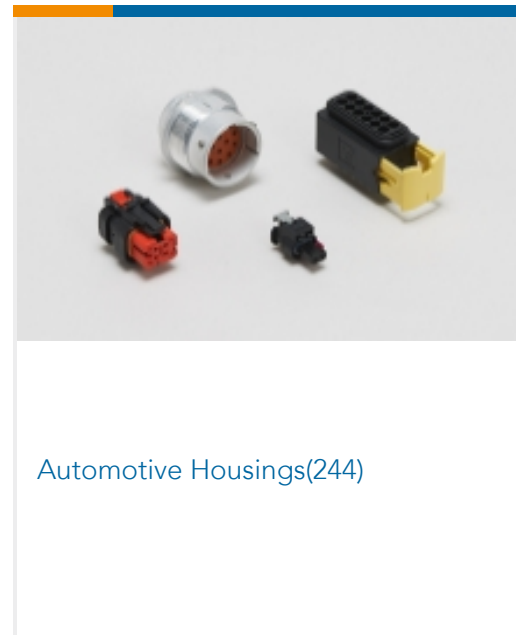
Also in the Series | AMPSEAL 16



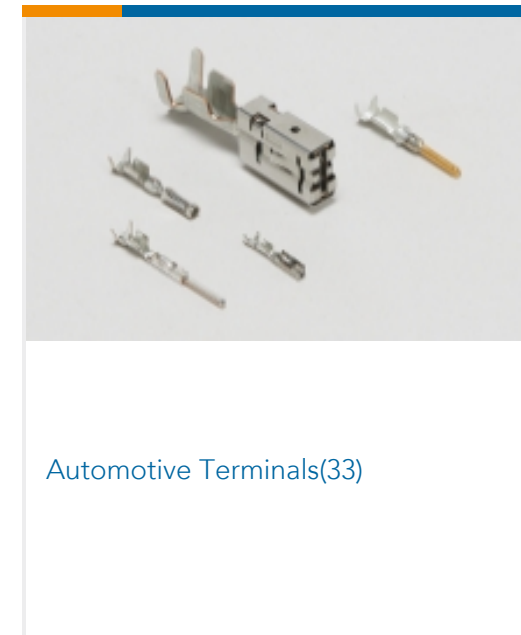
Automotive Connector Caps & Covers (85)



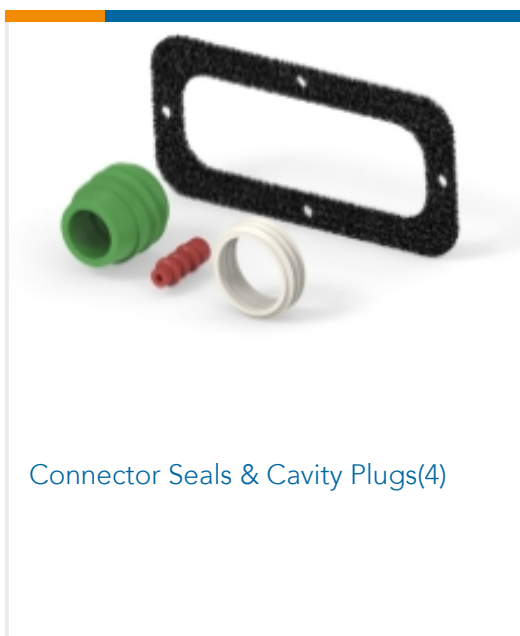
Automotive Connector Locks & Position Assurance(2)



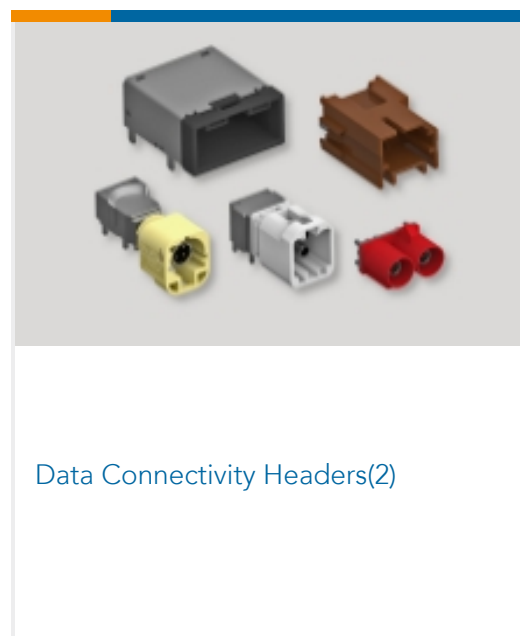
Automotive Housings(244)



Automotive Terminals(33)



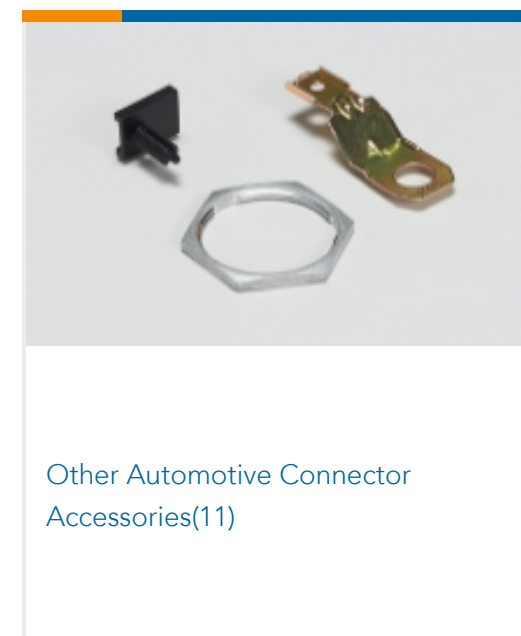
Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part #DT04-12PA-P021
REC, 12P, GRY, BUSBAR 1X12, NICKEL, A



TE Part #1-1718491-2
AMP MCP Unsealed Connector Housings



TE Part #1-963224-1
42P MESSERLEIST MIX



TE Part #929937-6
JPT REC 2.8 Contact SWS Ag



TE Part #1534334-1
AMP MCP 1.5K, CONTACT



TE Part #2098067-2
Plug Assembly, Hybrid, BCM, IP2, B Key



TE Part #2098067-4
Plug Assembly, Hybrid, BCM, U2, D Key



TE Part #2098067-3
Plug Assembly, Hybrid, BCM, U1, C Key



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](#)

English

Customer View Model

[ENG_CVM_CVM_2138839-2_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](#)

English