2446115-1 ✔ ACTIVE

AMP | AMPSEAL

TE Internal #: 2446115-1

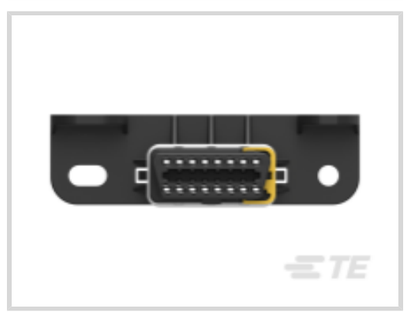
12 V / 24 V, 16 Position, Automotive Receptacle, Cable-to-Cable, Sealable, Black Matte, Wire & Cable, Power & Signal, Panel Mount, AMPSEAL

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V, 24 V**

Connector & Housing Type: **Receptacle**

Number of Positions: **16**

Sealable: **Yes**

Operating Temperature Range: **-40 – 85 °C**

Features

Product Type Features

Connector & Housing Type	Receptacle
Sealable	Yes
Primary Locking Feature	Locking Lance
Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V

Body Features

Primary Product Color	Black Matte
Connector & Keying Code	0

Contact Features

Mating Tab Width	.8 mm

Mechanical Attachment

Connector Mounting Type	Panel Mount

Usage Conditions

Operating Temperature Range	-40 – 85 °C
Operating Temperature (Max)	85 °C

Operation/Application

Circuit Application	Power & Signal

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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1534162-1
AMP MCP 1.5K, CONTACT, SWS

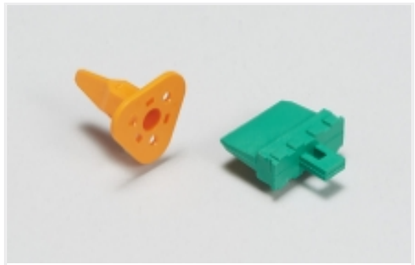


TE Part # 963531-1
BLINDSTOPFEN



TE Part # 2458826-1
16P SEALED OBD COVER ASSY

Also in the Series | AMPSEAL



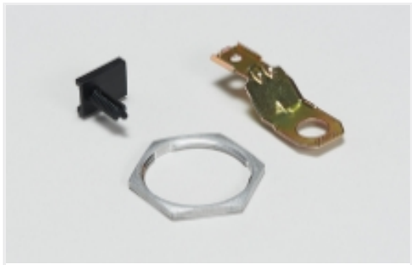
Automotive Connector Locks & Position Assurance(1)



Automotive Housings(34)

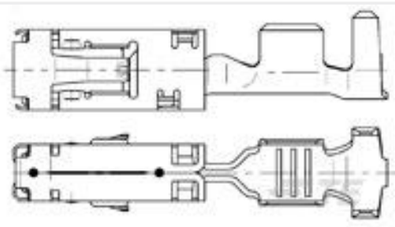


Connector Seals & Cavity Plugs(2)



Other Automotive Connector Accessories(2)

Customers Also Bought



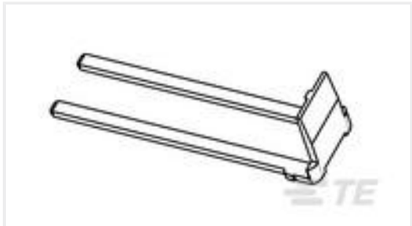
TE Part #967543-1
2.8MM SFC, TERMINAL, SWS, LL



TE Part #1544226-1
PL 3V 6,35 MM NG1



TE Part #1554723-1
1.0 SEALED RECEPTACLE CONTACT



TE Part #1670789-1
2. LOCK



TE Part #1-2066502-4
COVER 2 POS MINI FUSE BOX,MAT-2



TE Part #1-2112780-9
18POS, MIXED,REC HSG,ASSY, SEALED



TE Part #2290490-1
16POS,1.0 SERIES,REC HSG ASSY,SLD

TE Part #1-2066502-1
COVER, 2POS MINI FUSE BOX HOUSING, MAT-2

TE Part #2112758-1

COVER



TE Part #2315573-1

14POS,AMP MCP 1.5K,REC HSG ASSY, SLD

Documents

Product Drawings

SEALED 16P OBD ASSEMBLY,CONN KIT

English

CAD Files

Customer View Model

ENG_CVM_CVM_2446115-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2446115-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2446115-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

16P OBD ASSEMBLY,CONN KIT

English

Product Specifications

Application Specification

English