2272889-2 × OBSOLETE

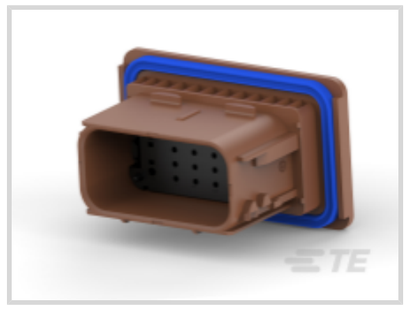
DEUTSCH | AMPSEAL 16

TE Internal #: 2272889-2

TE Internal Description: 16POS,AMPSEAL 16,PIN HSG ASSY,SLD, COD B

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







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

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

Number of Positions: **16**

Sealable: **Yes**

Operating Temperature Range: **-40 – 125 °C [-40 – 257 °F]**

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Number of Positions	16
Number of Rows	2, 4

Electrical Characteristics

Operating Voltage	550 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	180 °
Primary Product Color	Brown
Connector & Keying Code	B

Contact Features

Contact Size	Size 12, Size 16
Contact Type	Pin
Mating Pin Diameter	1.5 mm[.062 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	7.5 mm[.295 in]

Dimensions

Row-to-Row Spacing	4.7 mm[.185 in]
Compatible Insulation Diameter Range	1.4 – 4.1 mm[.055 – .161 in]
Product Width	49 mm[1.92 in]
Product Length	82.5 mm[3.24 in]
Connector Height	55.4 mm[2.18 in]
Wire Size	20 – 10 AWG

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP6K7, IP6K9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	20
Packaging Method	Tray

Other

Serviceable	No
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: JAN 2023 (233) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component part) Decamethylcyclopentasiloxane (D5) (.5% in Component part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component part) **Article Safe Usage Statements:** Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

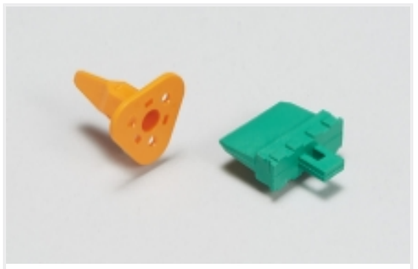
Product Compliance Disclaimer

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 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

Also in the Series | AMPSEAL 16



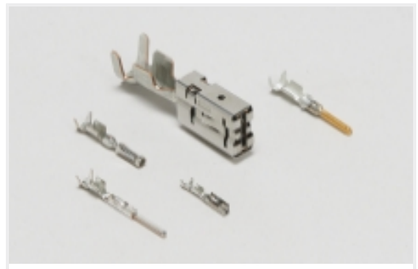
Automotive Connector Caps & Covers (93)



Automotive Connector Locks & Position Assurance(6)



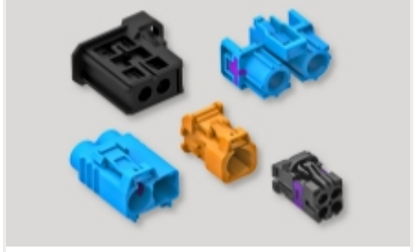
Automotive Housings(241)



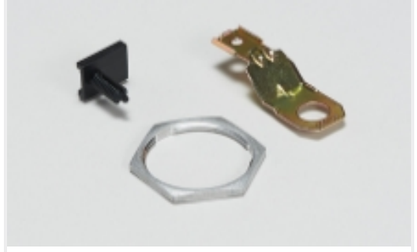
Automotive Terminals(35)



Connector Seals & Cavity Plugs(11)



Data Connectivity Housings(8)



Other Automotive Connector Accessories(8)

Customers Also Bought



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



TE Part #2203859-2
16POS,HYBRID,SOC HSG ASSY,SLD, COD B



TE Part #2203876-3
MOUNTING CLIP, ML CONN, 3MM PANEL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2272889-2_2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2272889-2_2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2272889-2_2.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English