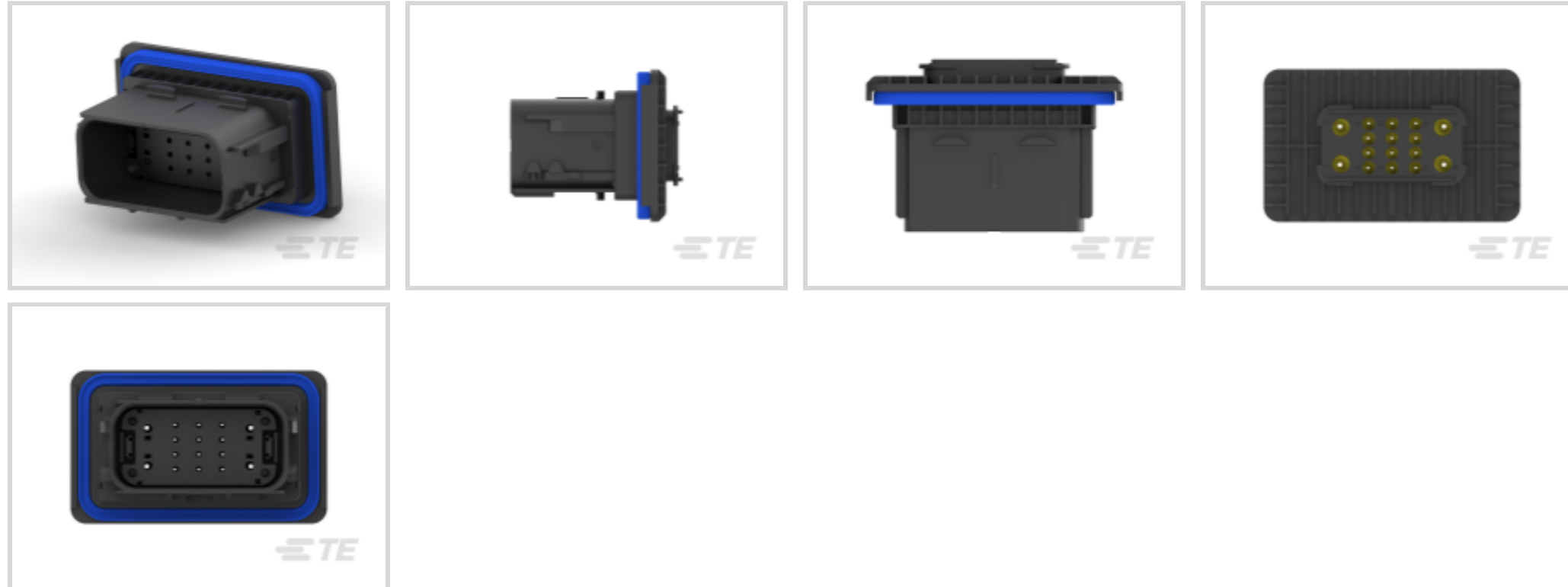# 2272889-1 ✓ ACTIVE

DEUTSCH | AMPSEAL 16

TE Internal #: 2272889-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, 7.5 mm Centerline, Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, AMPSEAL 16

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings

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

Number of Positions: **16**

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

Centerline (Pitch): **7.5 mm**

Sealable: **Yes**

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Number of Positions	16
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	24 V

Body Features

2272889-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, 7.5 mm Centerline, Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, AMPSEAL 16

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	Size 12, Size 16
Contact Type	Pin
Mating Pin Diameter	1.59 mm
Contact Current Rating (Max)	13 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)	7.5 mm

Dimensions

Connector Height	55.35 mm
Product Width	49.05 mm
Product Length	82.5 mm
Row-to-Row Spacing	3.75 mm

Usage Conditions

Operating Temperature (Max)	125 °C
Operating Temperature Range	-40 – 125 °C

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Degree of Protection	IP6K9K
UL Flammability Rating	UL 94HB

Packaging Features

2272889-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, 7.5 mm Centerline,
Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, AMPSEAL 16

Packaging Quantity	80
Packaging Method	Tray

Other

Serviceable	No
Connector Position Assurance Capable	Yes

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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in component part) Dodecamethylcyclohexasiloxane (D6) (.5% in component part) Decamethylcyclopentasiloxane (D5) (.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

Compatible Parts

2272889-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, 7.5 mm Centerline,
Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, AMPSEAL 16

TE Part # 2203859-1
16POS,HYBRID,SOC HSG ASSY,SLD, COD A

TE Part # 2203876-2
MOUNTING CLIP, ML CONN, 4MM PANEL

TE Part # 2203876-3
MOUNTING CLIP, ML CONN, 3MM PANEL
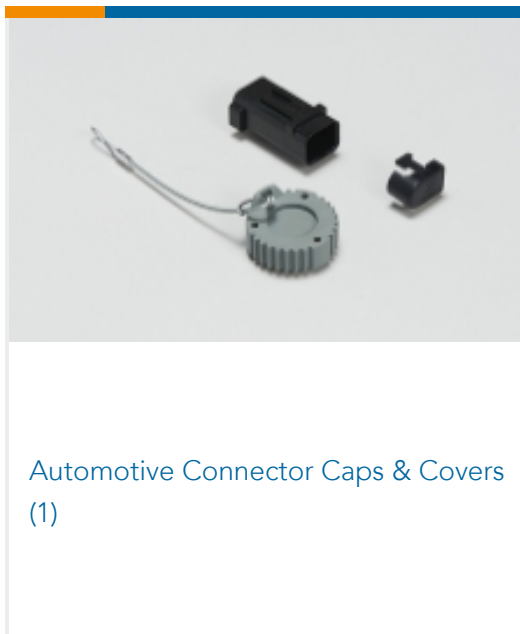
TE Part # 2203956-1
COVER,AMPSEAL 16 ML CONN, 180 DEG

TE Part # 2272307-1
COVER,AMPSEAL 16 ML CONN, 90 DEG

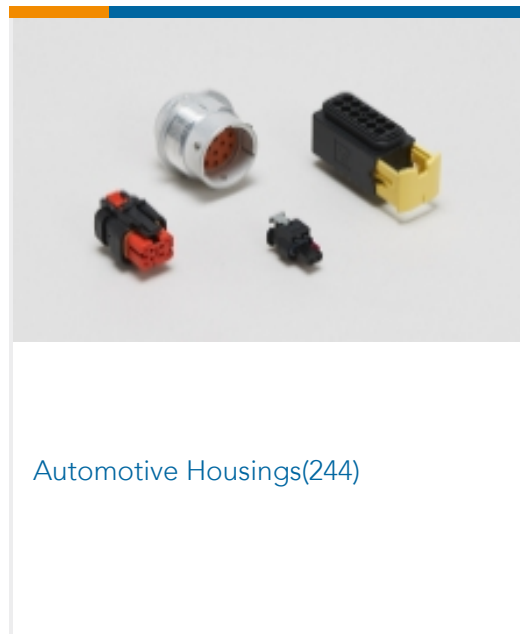TE Part # 2203876-1
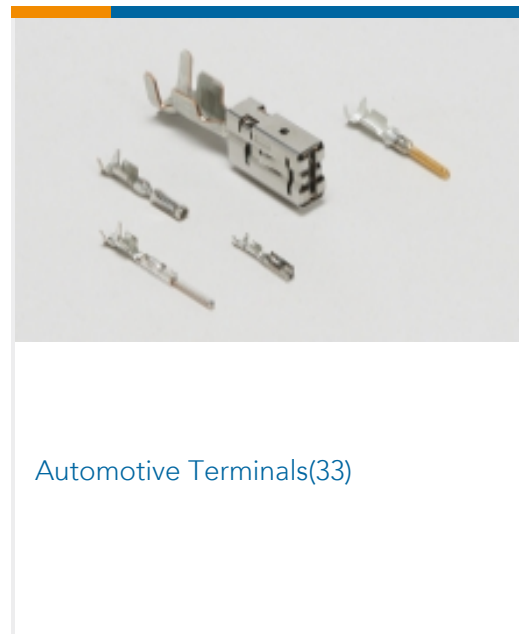MOUNTING CLIP, ML CONN, 5MM PANEL

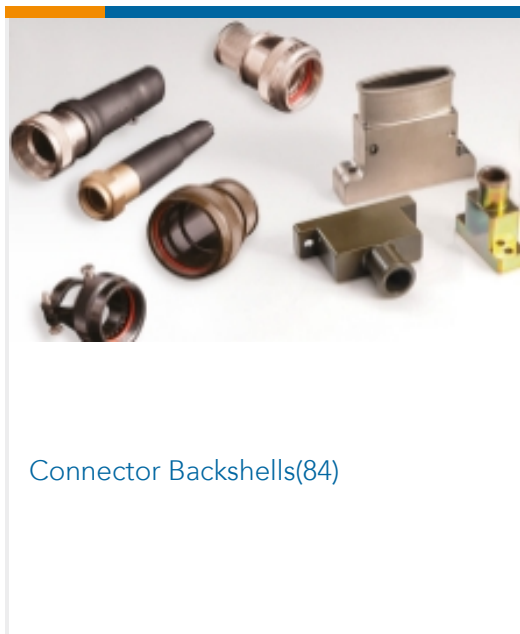## Also in the Series | AMPSEAL 16

Automotive Connector Caps & Covers (1)
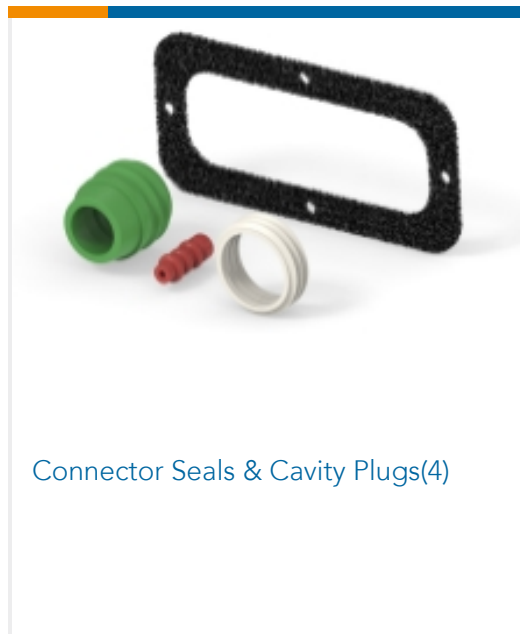
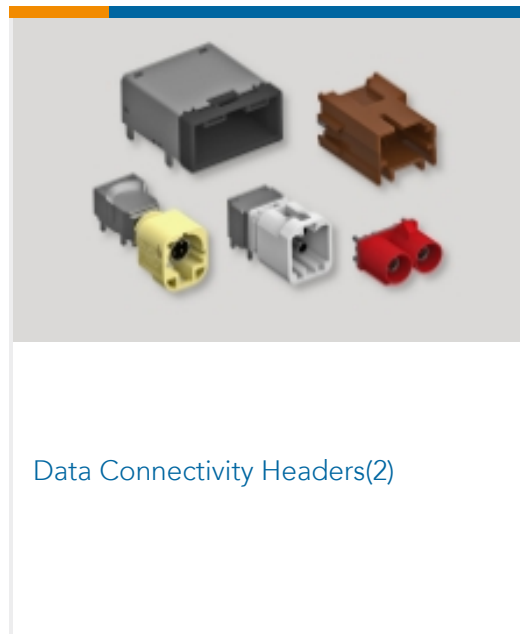Automotive Connector Locks & Position Assurance(2)

Automotive Housings(244)
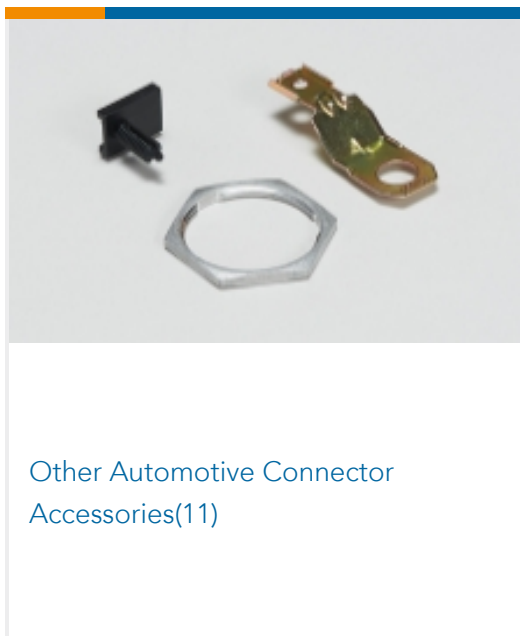
Automotive Terminals(33)

Connector Backshells(84)

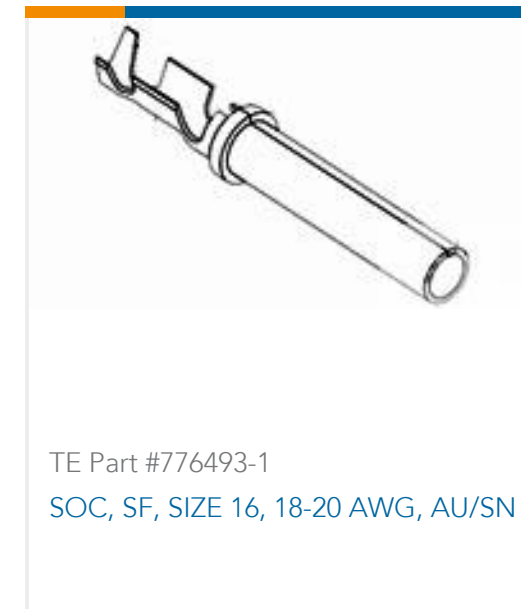Connector Seals & Cavity Plugs(4)

Data Connectivity Headers(2)

Data Connectivity Housings(3)
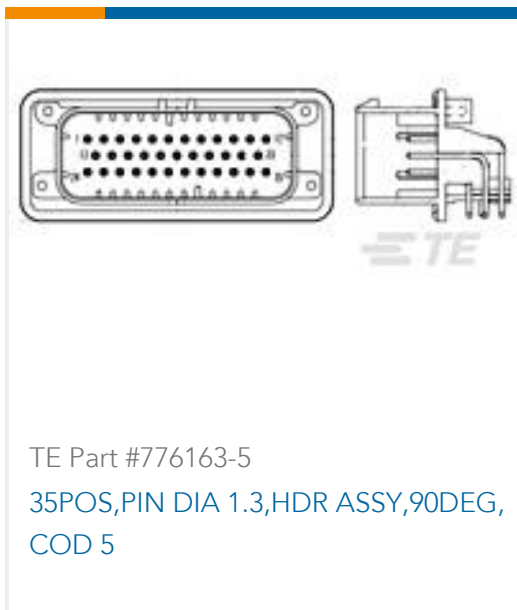
Other Automotive Connector Accessories(11)

Customers Also Bought

Housing for Female Terminals, Wire-to-Wire, 16 Position, 7.5 mm Centerline, Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, AMPSEAL 16

TE Part #776163-5
35POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 5

TE Part #6-1393116-2
KUMP-11A18-120=KU

TE Part #4-1825136-4
A101SYCB04

TE Part #2203859-1
16POS,HYBRID,SOC HSG ASSY,SLD, COD A

TE Part #2203876-2
MOUNTING CLIP, ML CONN, 4MM PANEL

TE Part #2203956-1
COVER,AMPSEAL 16 ML CONN, 180 DEG

TE Part #7-2176414-0
7W STD M/OX 5% 15K

TE Part #776493-1
SOC, SF, SIZE 16, 18-20 AWG, AU/SN

TE Part #2350943-1
FIX RING,CONN KIT

TE Part #M3031-000005-2K5PG
PRESS XDCR M3031-000005-2K5PG

Documents

Product Drawings

16POS,AMPSEAL 16,PIN HSG ASSY,SLD,COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2272889-1_2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2272889-1_2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2272889-1_2.3d_stp.zip

English

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

Product Specifications

2272889-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, 7.5 mm Centerline,
Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, AMPSEAL 16

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English