

2203859-1 ✓ ACTIVE

DEUTSCH | AMPSEAL 16

TE Internal #: 2203859-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, 7.5 mm

Centerline, Sealable, Black, Wire & Cable, Power & Signal,

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	No
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
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Body Features



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

Contact Features

Contact Size	Size 12, Size 16
Contact Type	Socket
Mating Pin Diameter	2.37 mm
Contact Current Rating (Max)	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
Centerline (Pitch)	7.5 mm

Dimensions

Connector Height	43.5 mm
Product Width	48.09 mm
Product Length	72.7 mm
Row-to-Row Spacing	7 mm

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP69K
UL Flammability Rating	UL 94HB

Packaging Features

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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: Decamethylcyclopentasiloxane (D5) (.5% in Component part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component part) Octamethylcyclotetrasiloxane (D4) (.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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

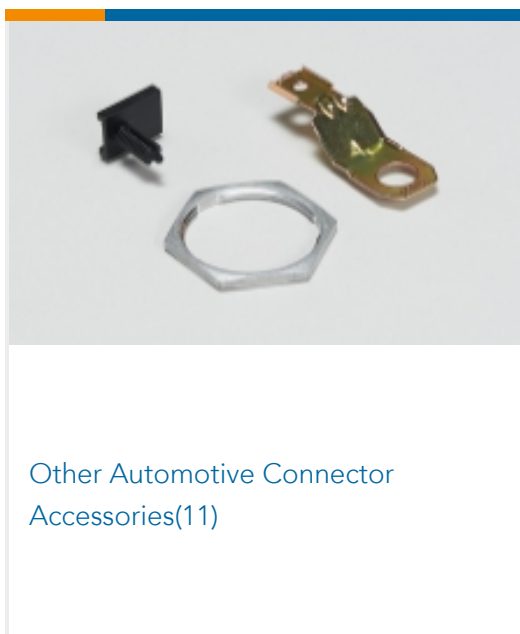
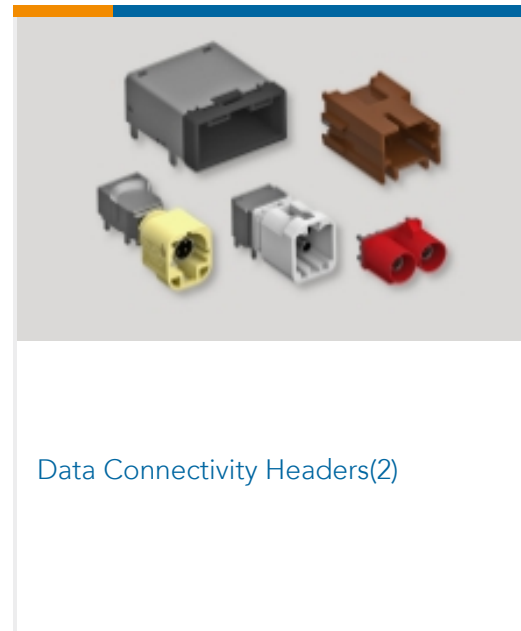
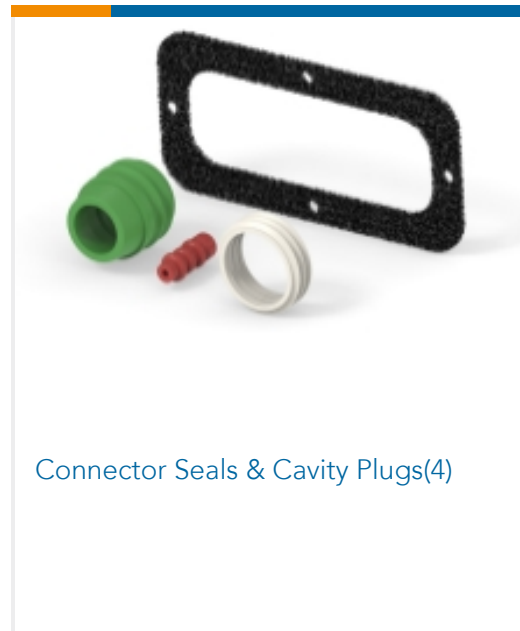
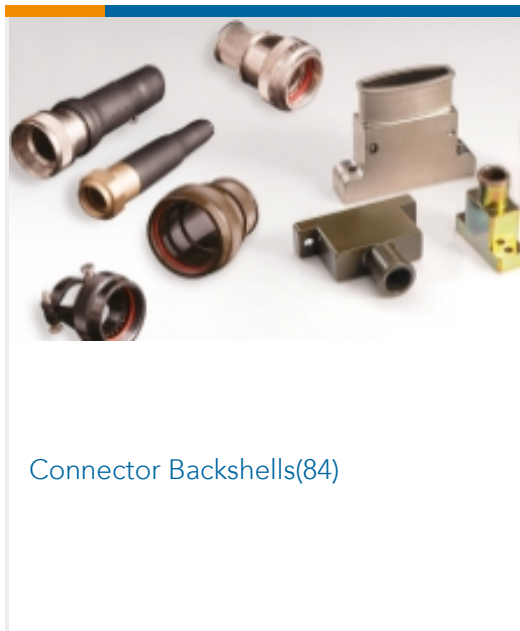
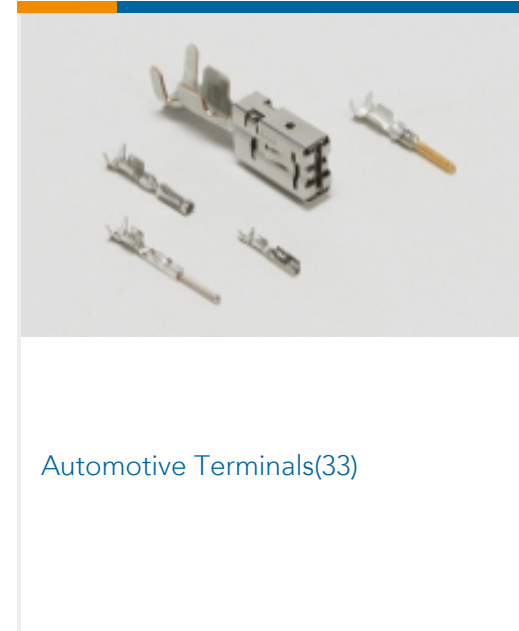
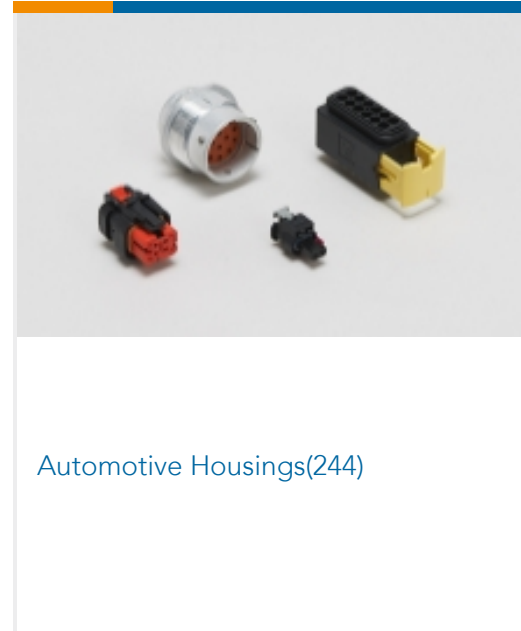
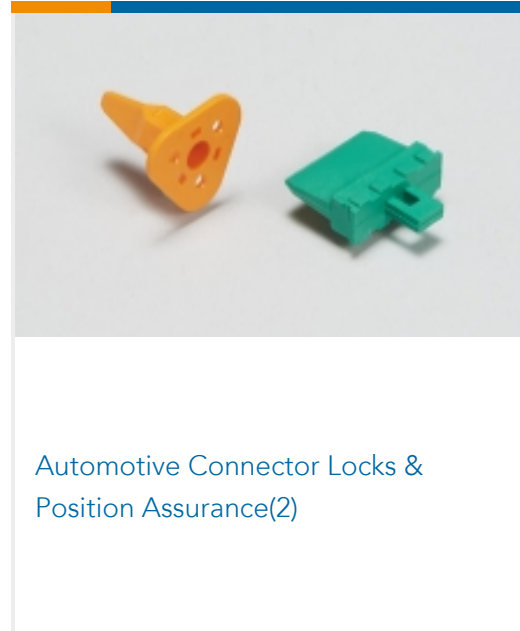
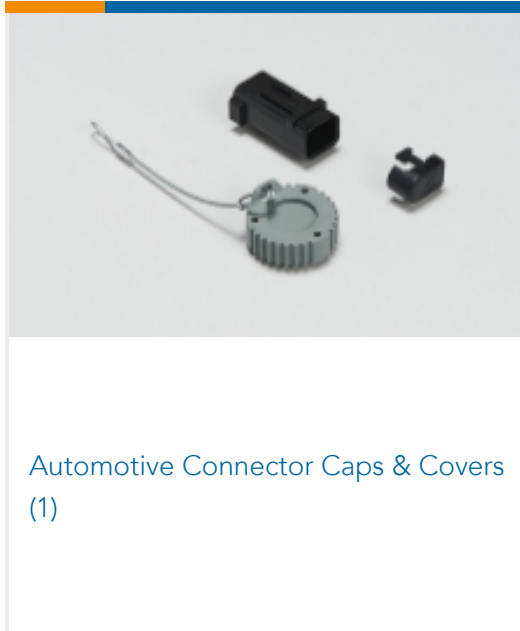
Product Compliance Disclaimer

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>

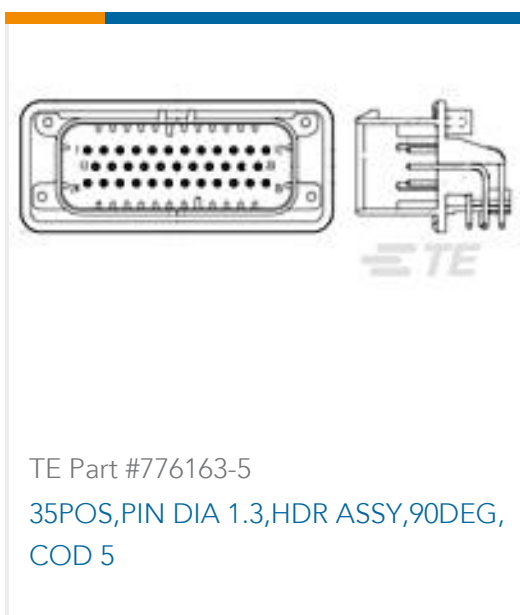
Compatible Parts



Also in the Series | AMPSEAL 16



Customers Also Bought





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



TE Part #2272889-1
16POS, AMPSEAL 16, PIN HSG ASSY,
SLD, COD A



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

Documents

Product Drawings

16POS, HYBRID, SOC HSG ASSY, SLD, COD A

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2203859-1_2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2203859-1_2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2203859-1_2.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English