

DT16-6SA-KP01 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

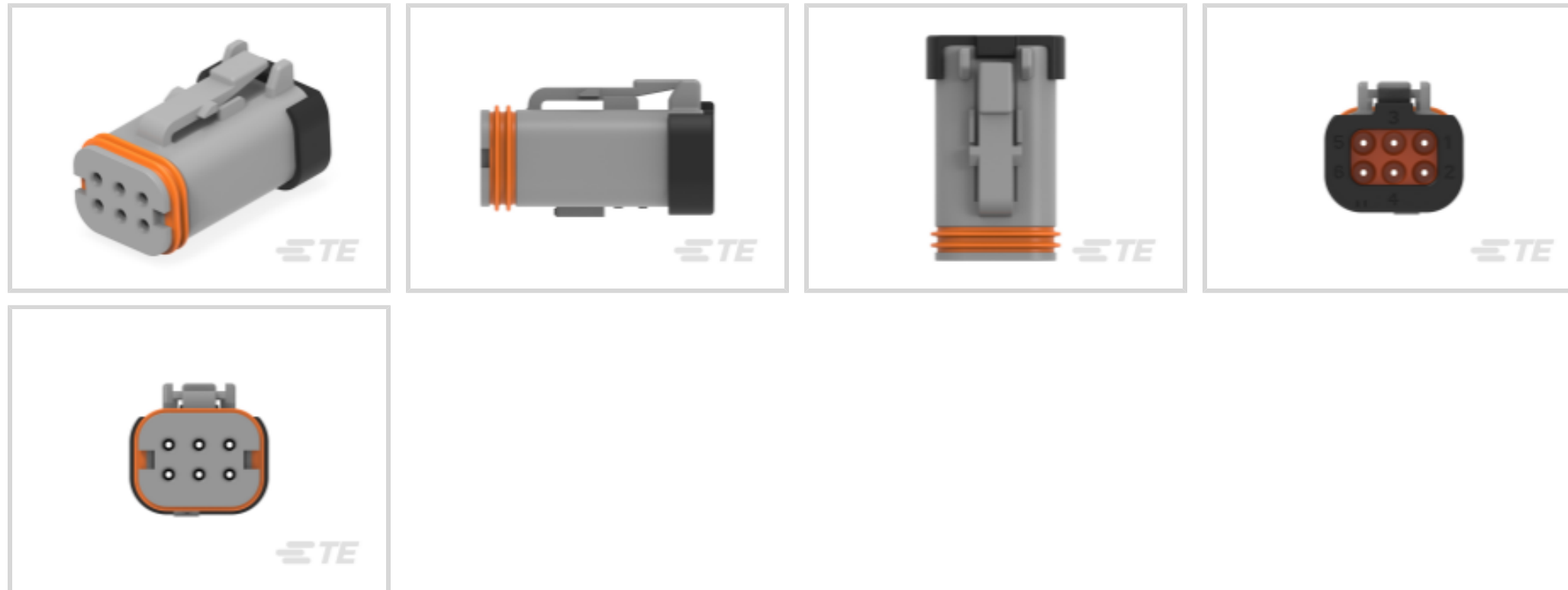
TE Internal #: DT16-6SA-KP01

6 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4.44 mm [.175 in] Centerline, Sealable, Gray, Wire & Cable, Power, DEUTSCH DT

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Plug Connectors



Number of Positions: 6

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

Mating Pin Diameter: 1.59 mm [.063 in]

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

Centerline (Pitch): 4.44 mm [.175 in]

[All DEUTSCH DT Plug Connectors \(204\)](#)

Features

Industry Standards

IP Rating	Not Tested
UL Flammability Rating	Not tested

Dimensions

Row-to-Row Spacing	4.57 mm[.18 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]
Product Width	20.83 mm[.82 in]
Product Length	33.73 mm[1.328 in]
Connector Height	19.58 mm[.771 in]

Packaging Features

Packaging Quantity	960
Packaging Method	Box

Mechanical Attachment



Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Other

Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	250 V

Body Features

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

Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.44 mm [.175 in]

Contact Features

Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.59 mm [.063 in]
Contact Current Rating (Max)	13 A

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing



Connector & Contact Terminates To	Wire & Cable
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Configuration Features

Connector Modification	End Cap
Number of Positions	6
Number of Rows	2

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

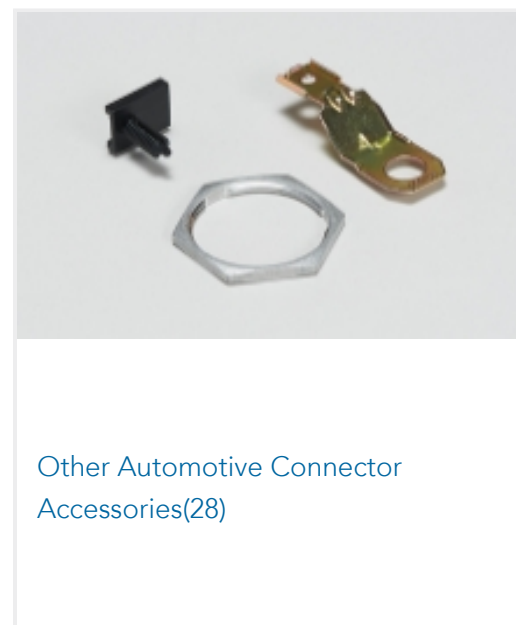
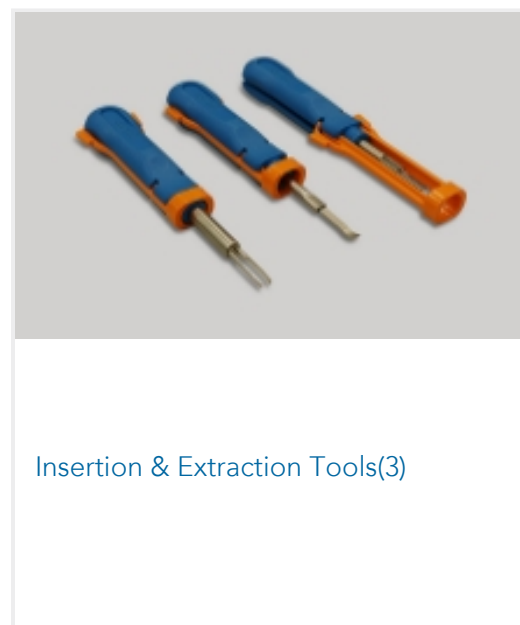
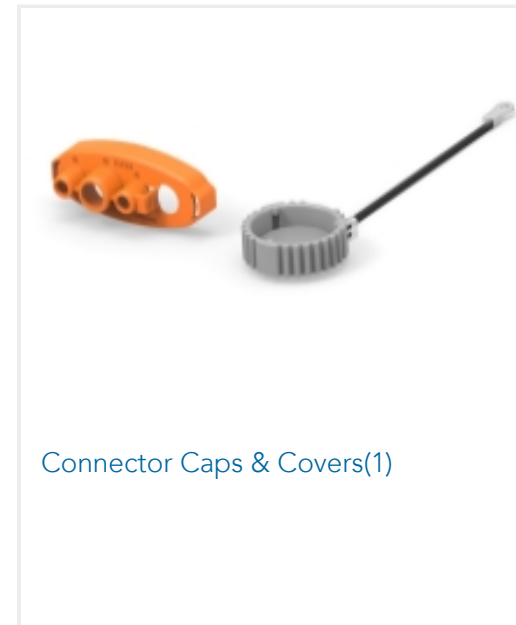
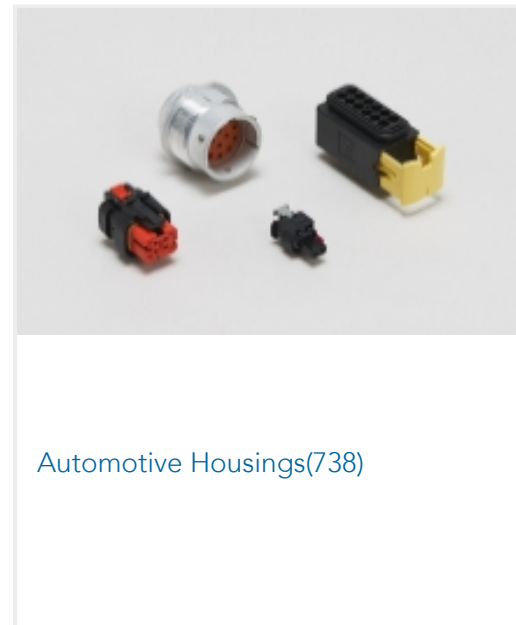
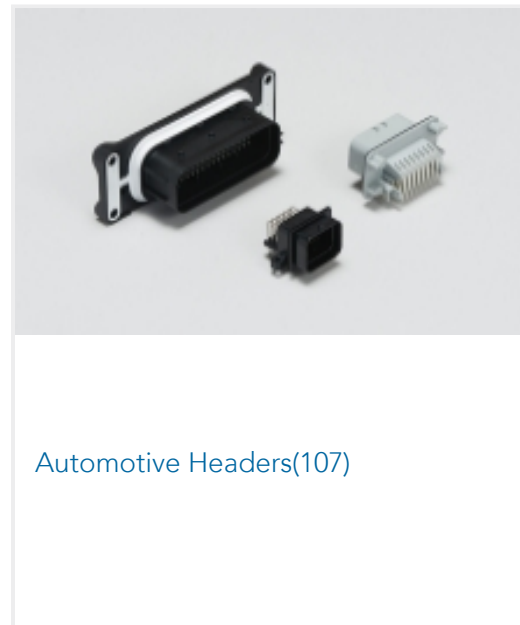
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | DEUTSCH DT



Customers Also Bought



Documents

Product Drawings

PLG, 6P, GRY, E, A

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_DT16-6SA-KP01_99_c-dt16-6sa-kp01-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT16-6SA-KP01_99_c-dt16-6sa-kp01-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT16-6SA-KP01_99_c-dt16-6sa-kp01-99.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English