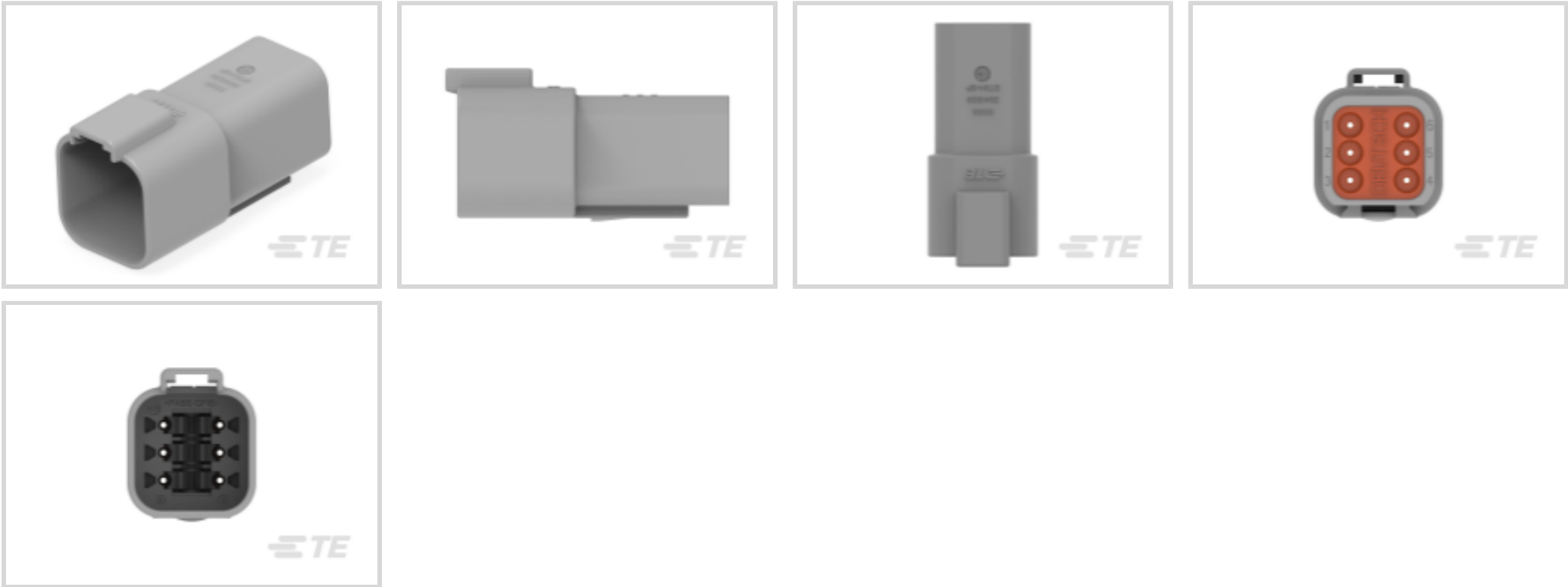




Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Receptacle Connectors



Number of Positions: 6

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

Mating Pin Diameter: 1.59 mm [.063 in]

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

Centerline (Pitch): 3.81 mm [.15 in]

[All DEUTSCH DT Receptacle Connectors \(230\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	6
Number of Rows	2

Electrical Characteristics

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Operating Voltage	250 VDC
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Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Gray
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Contact Features

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

Strain Relief	Add By Accessory
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Terminal Position Assurance	Yes
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Mating Alignment Type	Polarization
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Mating Alignment	With
------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PA GF
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Centerline (Pitch)	3.81 mm[.15 in]
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Dimensions

Row-to-Row Spacing	4.45 mm[.175 in]
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Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
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Product Width	20.83 mm[.82 in]
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Product Length	45.92 mm[1.808 in]
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Connector Height	24.16 mm[.951 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

IP Rating	IP68, IP6K9K
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Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	600
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>








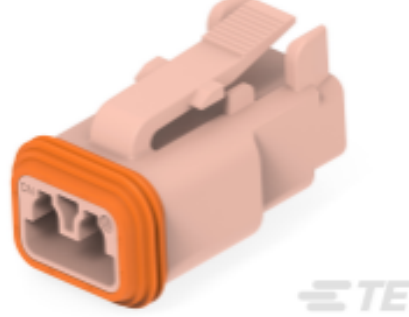
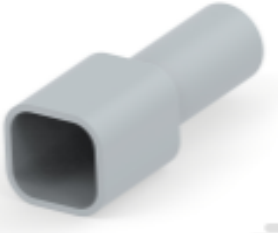





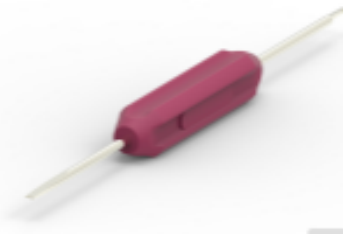


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27519830218) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Octamethylcyclotetrasiloxane (D4) (.5% in 27519830218) 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

 <p>TE Part # CAT-D487-B128 DEUTSCH DT Backshells</p>	 <p>TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts</p>	 <p>TE Part # CAT-J41-DDPC DEUTSCH DT Plug Connectors</p>	 <p>TE Part # DT04-6P-E004 REC, 6P, BLK, N</p>
 <p>TE Part # CAT-D487-W416 Wedgelocks: DEUTSCH DT</p>	 <p>TE Part # CAT-D487-CH8172 DEUTSCH DT Series Housings & Connectors</p>	 <p>TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts</p>	 <p>TE Part # CAT-J41-DDCC DEUTSCH DT Color Connectors</p>
 <p>TE Part # DT6P-BT BOOT, 6P, REC, ST, GRY</p>	 <p>TE Part # CAT-D48-SFT273 DEUTSCH Stamped and Formed Contacts</p>	 <p>TE Part # 2300908-1 0460-003-16329, PIN, SOLID, 20-24AWG, AU</p>	 <p>TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs</p>
 <p>TE Part # 1924487-2 MOUNTING CLIP, AMPSEAL 16</p>	 <p>TE Part # DT6P-DC PROTECT CVR, 6P, REC, GRY, DT</p>	 <p>TE Part # DT-RT1 EXT TOOL, FRONT RELEASE</p>	 <p>TE Part # DT6P-BT-BK BOOT, 6P, REC, ST, BLK</p>
 <p>TE Part # CAT-D487-M8649 DEUTSCH DT Mounting Clips</p>			



Also in the Series | **DEUTSCH DT**



[Automotive Connector Caps & Covers](#)
(19)



[Connector Caps & Covers](#)(1)



[Rectangular Connector Housings](#)(1)



[Rectangular Power Connectors](#)(77)



[Standard Rectangular Connectors](#)(1)

Customers Also Bought



TE Part #CAT-J41-DDPC
DEUTSCH DT Plug Connectors



TE Part #CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

Documents

Product Drawings

REC, 6P, GRY, N

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_DT04-6P_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-6P_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-6P_A.3d_stp.zip](#)



English

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Datasheets & Catalog Pages
TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications
Application Specification

English

Agency Approvals
UL Report

English