

DT06-2S-EP04 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

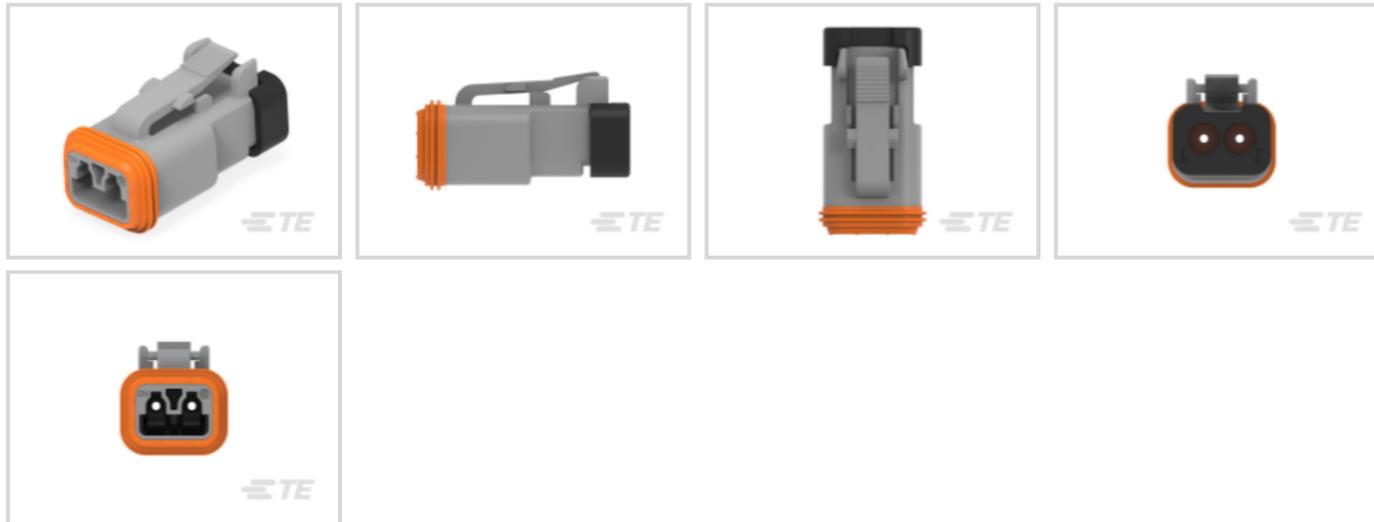
TE Internal #: DT06-2S-EP04

12 V / 24 V / 48 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 5.46 mm [.215 in] Centerline, Sealable, Gray, DEUTSCH DT

[View on TE.com >](#)



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



Nominal Voltage Architecture: 12 V, 24 V, 48 V

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

Number of Positions: 2

Sealable: **Yes**

Operating Temperature Range: -55 – 125 °C [-67 – 257 °F]

[All DEUTSCH DT Plug Connectors \(194\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female 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	2
Number of Rows	1

Electrical Characteristics

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

Body Features

Cable Exit Angle	180 °
Primary Product Color	Gray

Contact Features

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

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	Yes
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	5.46 mm [.215 in]

Dimensions

Compatible Insulation Diameter Range	2.23 – 3.68 mm [.088 – .145 in]
Product Width	15.01 mm [.591 in]
Product Length	31.19 mm [1.228 in]
Connector Height	15.77 mm [.621 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030



UL Flammability Rating	12mm Flame Test per Standard UL-94
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Packaging Features

Packaging Quantity	1600
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Packaging Method	Box
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 26179688775) Decamethylcyclopentasiloxane (D5) (.5% in 26179688775) Octamethylcyclotetrasiloxane (D4) (.5% in 26179688775)</p>
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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.
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Solder Process Capability	Not reviewed for solder process capability
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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



TE Part # 776363-1
SEALING PLUG, SZ 16 CAVITY



TE Part # CAT-D48-ST273
DEUTSCH Connector Solid Contacts



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



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



TE Part # CAT-D487-H342
DEUTSCH DT Headers



TE Part # DT04-2P-EP04
REC, 2P, GRY, N, CAP



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D48-SFT273
DEUTSCH Connector Stamped and Formed Contacts - Reel



TE Part # 1062-16-1422
SOC, SF, SIZE 16, 12-16, SLVLES, NI/NI



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # 1011-344-0205
DUST CAP, 2P, PLG, BLK, DT

TE Part # 1062-14-0177
SOC, SF, SIZE 16, 14-18, SN/SN

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (126)



Other Automotive Connector Accessories(27)



Rectangular Connector Housings(1)



Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought



TE Part #K1154804
Plunger Switch 44-02-024-904



TE Part #K1154538
Rotary Switch DS-213-SW1 915



TE Part #364129-000
222A185-25/225-0



TE Part #144478-1
CET 2 POS ASSY FOR JPT



TE Part #173063-2
.070 ECONOSEAL 2P CAP HSG



TE Part #710027-2
XCT 35-8



TE Part #917805-3
DYNAMIC D-5 TAB CONT. M L/P



TE Part #1-967590-2
AMP MCP 9.5, CONTACT, SWS



TE Part #5749195-2
68 50SR KIT,ST,UK



TE Part #5750913-7
68 50SR CABLE CONN KIT

Documents

Product Drawings

PLG, 2P, GRY, N, CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT06-2S-EP04_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_DT06-2S-EP04_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-2S-EP04_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English