



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-2S-EP06

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

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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
Connector Modification	Enhanced Seal Retention, End Cap
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	Black

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
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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	1600
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in Component) Decamethylcyclopentasiloxane (D5) (.5% in Component) Octamethylcyclotetrasiloxane (D4) (.5% in Component) 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

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

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

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

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

TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

TE Part # 1-2303812-3
DT04-2P-TN32, REC, 2P, BLK, N, SNAPCAP

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

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

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

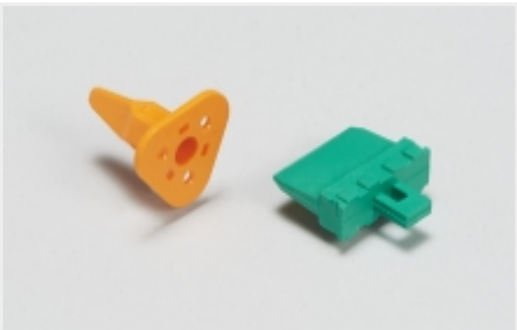
TE Part # CAT-D487-H342
DEUTSCH DT Headers

TE Part # DT04-2P-E005
REC, 2P, BLK, N, CAP

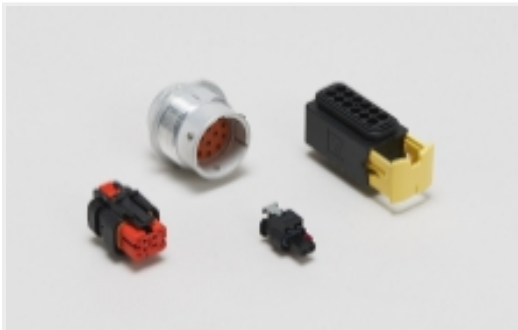
TE Part # DT06-2S-C015
PLG, 2P, GRY, E

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

Also in the Series | **DEUTSCH DT**



Automotive Connector Locks & Position Assurance(87)



Automotive Housings(765)



Connector Seals & Cavity Plugs(18)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(27)

Customers Also Bought



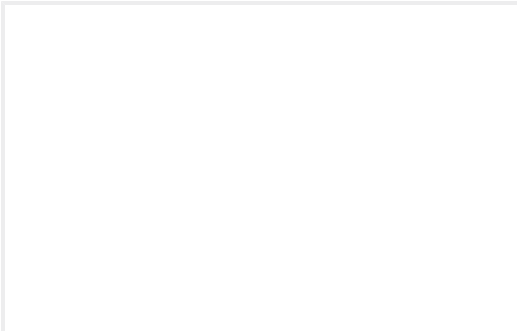
TE Part #DT06-6S-EP06
PLG, 6P, BLK, N, SEAL RET, CAP



TE Part #W2S-P012
WEDGE LOCK, 2P, PLG, GRN, SL RET, DT



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



TE Part #18023-4
SCREW,CAP,SOCKET HEAD



TE Part #1-18023-5
SCREW,CAP,SOCKET HEAD (M4x25)



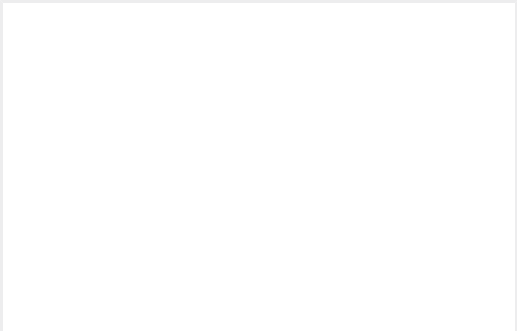
TE Part #7-18023-8
SCREW,CAP,SOC HD,METRIC



TE Part #684453-2
FINGER, FEED



TE Part #904049-2
BAR, DRIVE



TE Part #1338163-1
INSERTER DUAL POKE-IN

Documents



Product Drawings

PLG, 2P, BLK, N, SEAL RET, CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT06-2S-EP06_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT06-2S-EP06_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT06-2S-EP06_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

DT INLINE CONNECTORS

English

TERMINALS AND CONNECTORS

English

DEUTSCH DT Enhanced Seal Retention Connectors

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English