DT06-2S-TE82 ✔ ACTIVE

DEUTSCH | **DEUTSCH DT**

TE Internal #: 2-2303815-4

Housing for Female Terminals, Wire-to-Wire, 2 Position, .215 in [5.46 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DT

View on TE.com >

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

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

Number of Positions: **2**

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

Centerline (Pitch): **5.46 mm [.215 in]**

Sealable: **Yes**

All DEUTSCH DT Plug Connectors (199)

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
Connector Seal Code	E Seal
Number of Positions	2
Number of Rows	1

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TE connectivity

Electrical Characteristics

Operating Voltage	250 VAC
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

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

Housing Features

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

Dimensions

Connector Height	15.77 mm[.621 in]
Product Width	17.34 mm[.683 in]
Product Length	42.2 mm[1.661 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Degree of Protection	IP68, IP6K9K

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Agency/Standard	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	1200
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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
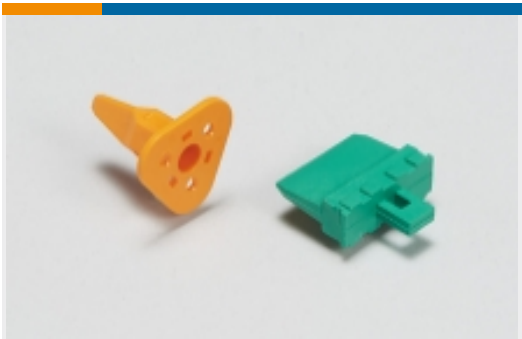
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on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts

TE Part # CAT-D487-H342
DEUTSCH DT Headers

TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

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

TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

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

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

TE Part # CAT-D485-CH8172
DEUTSCH DTM Housings

TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

TE Part # DTF13-2PB
HDR, 2P, BLK, RA, SN/NI/CU, B

Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers (47)

Automotive Connector Locks & Position Assurance(74)

Automotive Housings(620)

Connector Backshells(58)

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Connector Seals & Cavity Plugs(6)

Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(27)

PCB Headers & Receptacles(103)

Customers Also Bought

TE Part #DTHD06-1-4S-E003
DEUTSCH DTHD Housings

TE Part #1-794954-0
10P RCPT VAL-U-LOK V2

TE Part #1586316-1
VAL-U-LOK PIN BR SN 26-22 LP

TE Part #1838276-3
M12 Plas Fld Ser CONN. Female

TE Part #345206-1
070 SERIES RECEPT.

TE Part #1473255-2
LEVER ASSY TYPE-A NO SLIT TYPE 40POS

TE Part #1-1337473-0
UHF Str Plg PS Silver Pltd RG58C/U, 141A

TE Part #1-1478419-0
N Str Plg PS 50Ohm Silver Pltd RG58C/U,

TE Part #ASC105-06SE
RECEPT.AS MODULAR. SKT.

Documents

Product Drawings
DT06-2S-TE82, PLG, 2P, BLK, E, SNAPXCAP

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2-2303815-4_A.2d_dxf.zip

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English

Customer View Model

ENG_CVM_CVM_2-2303815-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2303815-4_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English