

DT06-3S ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S

DEUTSCH DT, Housing for female terminals, Wire-to-Wire, 3 Position, 10.01mm [.394in] Centerline, Sealable, Gray, Wire & Cable

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > DEUTSCH DT HOUSINGS



Connector Style: **Housing for female terminals**

Mating Pin Diameter: **1.59 mm [.0625 in]**

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

Number of Positions: **3**

Centerline (Pitch): **10.01 mm [.394 in]**

[All DEUTSCH DT HOUSINGS \(421\)](#)

Features

Product Type Features

Connector Style	Housing for female terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable
Strain Relief	Add By Accessory

Configuration Features

Blank Cavity Position	0
Number of Positions	3

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Color	Gray

Contact Features

Mating Pin Diameter	1.59 mm[.0625 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

Housing Features

Centerline (Pitch)	10.01 mm[.394 in]
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Dimensions

Height	23.73 mm[.934 in]
Length	28.4 mm[1.118 in]
Width	18.37 mm[.723 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
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Industry Standards

Degree of Protection	IP68, IP6K9K
Agency/Standard	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Method	Box
Packaging Quantity	1400

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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
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 Model / Part # CAT-D487-CH8172
DEUTSCH DT HOUSINGS



TE Model / Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Model / Part # CAT-D487-B128
DEUTSCH DT BACKSHELLS



TE Model / Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS



TE Model / Part # CAT-D487-W416
DEUTSCH DT WEDGELOCKS



TE Model / Part # CAT-D487-H342
DEUTSCH DT HEADERS



TE Model / Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS



TE Model / Part # CAT-AM7801-P729
AMPSEAL 16 SEALING PLUGS



TE Model / Part # CAT-D487-P729
DEUTSCH DT DUST CAPS



TE Model / Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Model / Part # DT3S-BT-BK
BOOT, 3P, PLG, ST, BLK



TE Model / Part # DT3S-BT
BOOT, 3P, PLG, ST, GRY



TE Model / Part # 1062-16-1244
SOCKET, S&F, SIZE 16, 12-16AWG, GOLD

TE Model / Part # DT3S-BT-YW
BOOT, 3P, PLG, ST, YEL

TE Model / Part # 1062-14-1088
SKT, S&F, SIZE 16, 14-18AWG, PD/NI/AU

TE Model / Part # 0462-222-1631
CONT SOC ASM


TE Model / Part # 1062-14-0177
SOCKET, S&F, SIZE 16, 14-18AWG, TIN

TE Model / Part # 1062-16-0744
SOCKET, S&F, SIZE 16, 14-18AWG, GOLD


TE Model / Part # 1062-16-0777
SOCKET, S&F, SIZE 16, 14-18AWG, TIN

TE Model / Part # 1062-16-1277
SOCKET, S&F, SIZE 16, 12-16AWG, TIN


Also in the Series | DEUTSCH DT




Automotive Connector Caps & Covers (70)




Automotive Connector Locks & Position Assurance(62)




Automotive Seals & Cavity Plugs(4)



Automotive, Truck, Bus, & Off-Road Headers(82)



Automotive, Truck, Bus, & Off-Road Housings(560)



Other Automotive Connector Accessories(13)

Documents



Product Drawings

[PLG, 3P, GRY, N](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DT06-3S_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-3S_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-3S_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_DT06-3S_1106201763_dmtec](#)

English

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