



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S-EP05

3 Position Housing, Housing for Female Terminals, Wire-to-Wire, 8.66 mm [.341 in] Centerline, Sealable, Gray, Wire & Cable, Power, DEUTSCH DT

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



Number of Positions: **3**

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

Mating Pin Diameter: **1.59 mm [.063 in]**

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

Centerline (Pitch): **8.66 mm [.341 in]**

[All DEUTSCH DT Plug Connectors \(204\)](#)

Features

Industry Standards

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

Dimensions

Compatible Insulation Diameter Range	2.23 – 3.68 mm [.088 – .145 in]
Product Width	18.71 mm [.737 in]
Product Length	29.67 mm [1.168 in]
Connector Height	24.38 mm [.96 in]

Packaging Features

Packaging Quantity	1100
Packaging Method	Box

Mechanical Attachment

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

Other

Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray

Housing Features

Housing Material	PA GF
Centerline (Pitch)	8.66 mm [.341 in]

Contact Features

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

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Triangular
Connector & Housing Type	Housing for Female 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
Connector Modification	End Cap
Number of Positions	3
Number of Rows	2



Usage Conditions

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

Operation/Application

Circuit Application	Power
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 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-D487-W416
Wedgelocks: DEUTSCH DT



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



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts




TE Part # CAT-D487-H342
DEUTSCH DT Headers



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



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



TE Part # DT04-3P-LE07
REC, 3P, GRY, N, CAP, FLANGE



TE Part # CAT-J41-DDCC
DEUTSCH DT Color Connectors



TE Part # DT04-3P-EP16
REC, 3P, BLK, 33 OHM RESISTOR



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



TE Part # 1011-345-0305
DUST CAP, 3P, PLG, BLK, DT



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # CAT-J41-DDSCC
DEUTSCH DT Connectors with snap cap

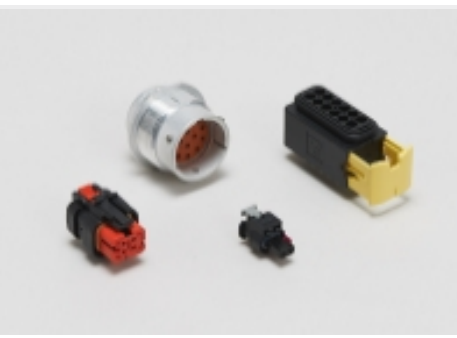


TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs


Also in the Series | **DEUTSCH DT**




Automotive Connector Caps & Covers (19)



Automotive Housings(737)



Connector Caps & Covers(1)

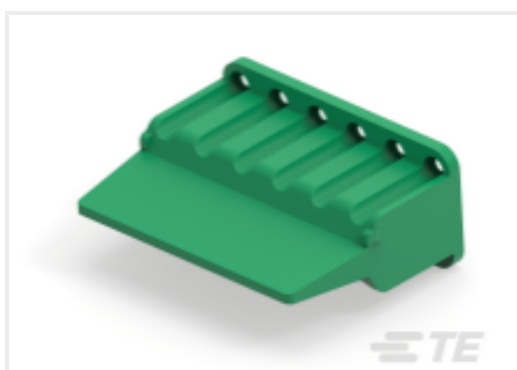
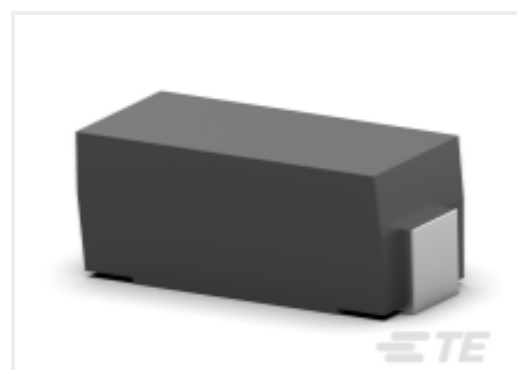


Connector Strain Relief(31)



Rectangular Backshells & Clamps(3)

Customers Also Bought

TE Part #1443997-2
BASE ASSEMBLY, 60 POSITION, BBTE Part #CAT-D485-CH8172
DEUTSCH DTM HousingsTE Part #DT06-3S-CL08
PLG, 3P, BLK, E, FLANGE CAPTE Part #W4SA
WEDGE LOCK, 4P, PLG, GRY, STD,
DT, ATE Part #WM-12S-B026
WEDGE LOCK, 12P, PLG, GRN, DTMTE Part #7-2176459-3
SMW 7W 100R 5% TapedTE Part #345485-1
BODY CLIP HOUSING DUALTE Part #2321138-2
REC CONN CVR, 8POS, MQS, 180DEG

Documents

Product Drawings

PLG, 3P, GRY, N, LATCH PROTECT CAP

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_DT06-3S-EP05_99_c-dt06-3s-ep05-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-3S-EP05_99_c-dt06-3s-ep05-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-3S-EP05_99_c-dt06-3s-ep05-99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English