



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S-CE02

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

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



Connector System: **Wire-to-Wire**
Number of Positions: **3**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **8.66 mm [.341 in]**
Sealable: **Yes**

[All DEUTSCH DT Plug Connectors \(220\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Triangular
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	3
Number of Rows	2



Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 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)	8.66 mm[.341 in]

Dimensions

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

Degree of Protection	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	1400
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 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

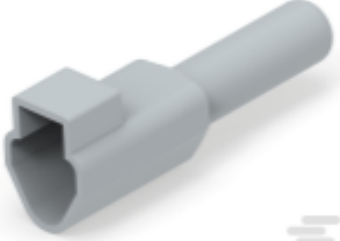
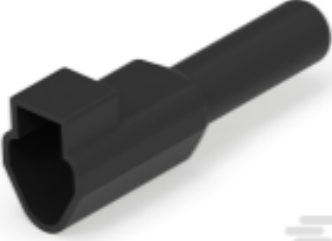
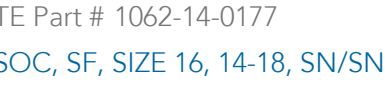
Product Compliance Disclaimer

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>

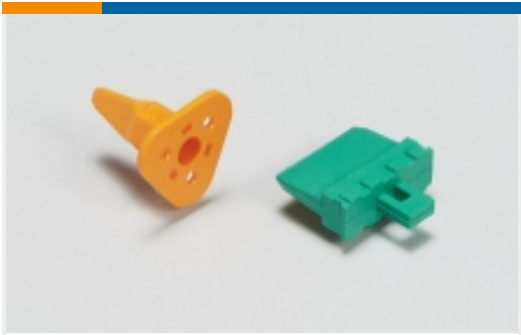
Compatible Parts

 TE Part # CAT-D487-B128 DEUTSCH DT Backshells	 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts	 TE Part # CAT-J41-DDRC DEUTSCH DT Receptacle Connectors	 TE Part # 1011-345-0305 DUST CAP, 3P, PLG, BLK, DT
 TE Part # CAT-D487-W416 Wedgelocks: DEUTSCH DT	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # CAT-D487-H342 DEUTSCH DT Headers
 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE	 TE Part # DT3S-BT BOOT, 3P, PLG, ST, GRY	 TE Part # DT3S-BT-BK BOOT, 3P, PLG, ST, BLK	 TE Part # 1010-062-0306 SEAL, INTF, 3P, RED-ORG, SL RET, DT
 TE Part # 1062-14-0177 SOC, SF, SIZE 16, 14-18, SN/SN			

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(87)



Automotive Housings(705)



Connector Backshells(61)



Connector Seals & Cavity Plugs(6)



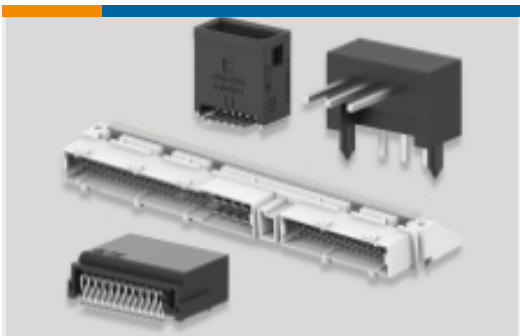
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(106)

Customers Also Bought



TE Part #DT04-3P-CE02
REC, 3P, BLK, E



TE Part #641972-1
09P UMNL PIN HDR ASSY 94VO



TE Part #641976-1
15P UMNL PIN HDR ASSY POL 94VO



TE Part #DTF13-2P
DEUTSCH DT Headers



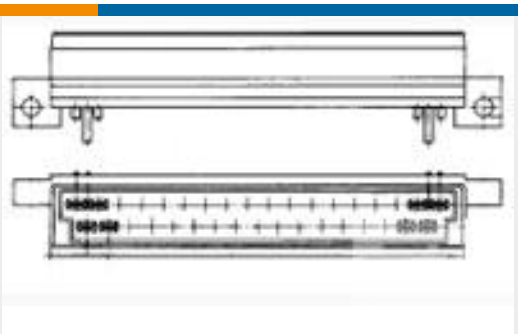
TE Part #K1157635
Push button switch TS-121-SW11



TE Part #1-640415-0
UMNL KEYING PLUG V0



TE Part #1571627-1
FSM103A=TACT SWITCH,260G



TE Part #825213-2
35P MESSERLEISTE



Documents

Product Drawings

PLG, 3P, BLK, E

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT06-3S-CE02_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT06-3S-CE02_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT06-3S-CE02_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English