



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Receptacle Connectors



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

Number of Positions: **3**

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

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

Sealable: **Yes**

[All DEUTSCH DT Receptacle Connectors \(247\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Triangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Blank Cavity Position	0
Number of Positions	3

Electrical Characteristics

Operating Voltage	250 VAC
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Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	Size 16
Contact Type	Pin
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)	10.01 mm[.394 in]

Dimensions

Connector Height	24.71 mm[.973 in]
Product Width	21.13 mm[.832 in]
Product Length	56.67 mm[2.231 in]
Compatible Insulation Diameter Range	2.23 - 3.68 mm[.088 - .145 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
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94



Packaging Features

Packaging Quantity	600
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

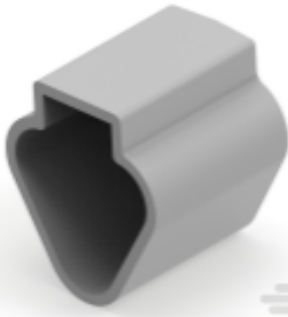
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > 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-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # CAT-J41-DDPC DEUTSCH DT Plug Connectors	 TE Part # CAT-D487-M8649 DEUTSCH DT Mounting Clips
 TE Part # CAT-D487-W416 Wedgelocks: DEUTSCH DT	 TE Part # 1924487-2 MOUNTING CLIP, AMPSEAL 16	 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE
 TE Part # DT06-3S-EP05 PLG, 3P, GRY, N, LATCH PROTECT CAP	 TE Part # DT06-3S-E003 PLG, 3P, GRY, N, CAP	 TE Part # DT06-3S-E004 PLG, 3P, BLK, N	 TE Part # DT06-3S-P006 PLG, 3P, GRY, 120 OHM RESISTOR
 TE Part # DT06-3S-EP10 PLG, 3P, BLK, 120 OHM RESISTOR	 TE Part # DT06-3S-PP01 PLG, 3P, BLK, SEAL RET, 120 OHM RESISTOR	 TE Part # DT06-3S-P032 PLG, 3P, BLK, N, INTEGRATED ADAPTER	 TE Part # DT06-3S PLG, 3P, GRY, N
 TE Part # DT06-3S-EP09 PLG, 3P, BLK, N, SL RET, LTCH PROT CAP	 TE Part # 2-2303816-3 DT06-3S-TN82, PLG, 3P, BLK, N, SNAPXCAP	 TE Part # DT3P-DC PROTECT CVR, 3P, REC, GRY, DT	 TE Part # DT06-3S-C017 PLG, 3P, GRY, BLOCKED

Also in the Series | **DEUTSCH DT**



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance (86)



Automotive Housings (654)



Connector Backshells (61)



Connector Seals & Cavity Plugs (6)



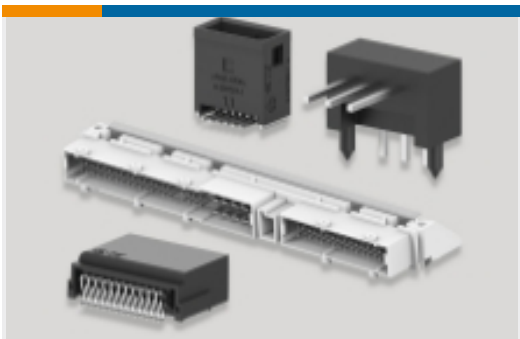
Connector Strain Relief (28)



Insertion & Extraction Tools (3)



Other Automotive Connector Accessories (28)



PCB Headers & Receptacles (105)

Customers Also Bought



TE Part # 206136-1
CPC PLUG ASSEMBLY SIZE 23-7



TE Part # W8P
Wedgelocks: DEUTSCH DT



TE Part # 1558666-4
T9GS1L14-15



TE Part # 66740-2
TYPE XII FEMALE CONT (L.P.)



TE Part # 1445022-8
MICRO MNL RFECEPT HSG SINGLE R



TE Part # HDP26-24-47SE-L017
PLG, 47P, BLK, E, RNG, 16/20, S

Documents



Product Drawings

DT04-3P-TN82, REC, 3P, BLK, N, SNAPXCAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2303813-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2303813-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2303813-3_A.3d_stp.zip

English

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Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English