



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-4S-EP04

4 Position Housing, Housing for Female Terminals, Wire-to-Wire,  
4.44 mm [.175 in] Centerline, Sealable, Gray, Wire & Cable, Power,  
DEUTSCH DT

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



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

Number of Positions: **4**

Sealable: **Yes**

Operating Temperature Range: **-55 – 125 °C [ -67 – 257 °F ]**

Number of Rows: **2**

[All DEUTSCH DT Plug Connectors \(195\)](#)

Features

Product Type Features

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

Configuration Features

|                       |   |
|-----------------------|---|
| Blank Cavity Position | 0 |
| Number of Positions   | 4 |
| Number of Rows        | 2 |

Electrical Characteristics

|  |  |
|--|--|
|  |  |
|--|--|



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

Body Features

|                       |      |
|-----------------------|------|
| Cable Exit Angle      | 180° |
| Primary Product Color | Gray |

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

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

Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | PA GF            |
| Centerline (Pitch) | 4.44 mm[.175 in] |

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Row-to-Row Spacing                   | 9.12 mm[.359 in]               |
| Compatible Insulation Diameter Range | 2.23 – 3.68 mm[.088 – .145 in] |
| Product Width                        | 20.83 mm[.82 in]               |
| Product Length                       | 32.46 mm[1.278 in]             |
| Connector Height                     | 19.58 mm[.771 in]              |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|           |              |
|-----------|--------------|
| IP Rating | IP68, IP6K9K |
|-----------|--------------|



|                                           |                                    |
|-------------------------------------------|------------------------------------|
| Compatible With Agency/Standards Products | SAE J2030                          |
| UL Flammability Rating                    | 12mm Flame Test per Standard UL-94 |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
| 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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (.5% in 27520126675)<br>Decamethylcyclopentasiloxane (D5) (.5% in Component Part)<br>Octamethylcyclotetrasiloxane (D4) (.5% in 27520126675)<br><b>Article Safe Usage Statements:</b><br>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 # 1010-066-0406  
SEAL, INTF, 4P, RED-ORG, SL RET, DT



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



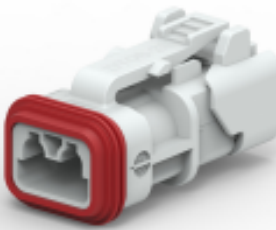
TE Part # CAT-J41-DDFRC  
DEUTSCH DT Flange Receptacle Connector



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # 1011-346-0405  
DUST CAP, 4P, PLG, BLK, DT



TE Part # CAT-J41-DDIC  
DEUTSCH DT Integrated Component



TE Part # CAT-D48-SFT273  
DEUTSCH Stamped and Formed Contacts



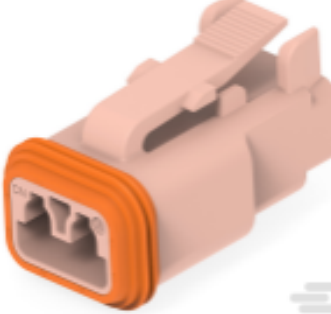
TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



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



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



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



TE Part # 1062-16-1422  
SOC, SF, SIZE 16, 12-16, SLVLES, NI/NI



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



TE Part # CAT-D487-H342  
DEUTSCH DT Headers



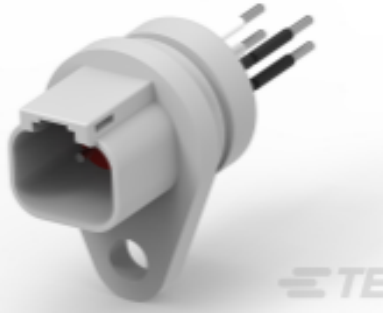
TE Part # CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



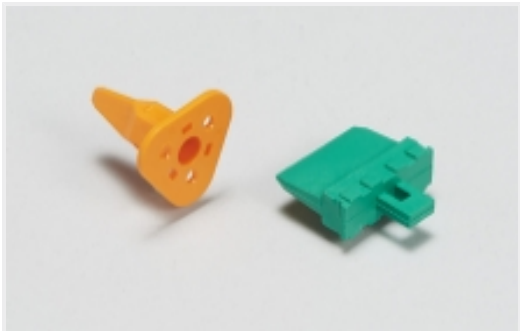
TE Part # CAT-J41-DDPC  
DEUTSCH DT Plug Connectors



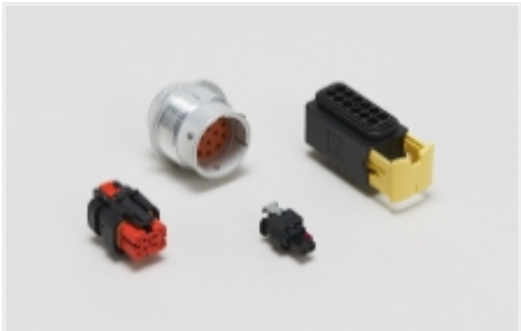
TE Part # YDT04-4P-P08600000  
DT04-4P-P086, REC, 4P, FEEDTHRU



Also in the Series | DEUTSCH DT



Automotive Connector Locks & Position Assurance(91)



Automotive Housings(770)



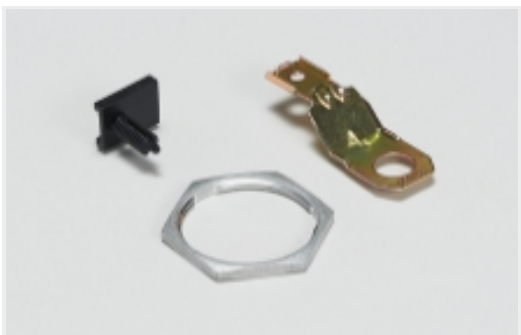
Automotive Seals & Cavity Plugs(18)



Connector Strain Relief(38)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(27)



Rectangular Backshells & Clamps(3)

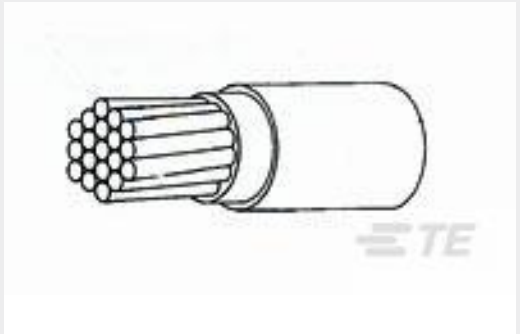
Customers Also Bought



TE Part #DT04-4P-C017  
REC, 4P, GRY, BLOCKED



TE Part #DT06-2S-CE01  
PLG, 2P, GRY, E, CAP



TE Part #282237-000  
44A0111-14-1



TE Part #ANT-W63-CW-RCS-RPS  
Antenna 1/4 Wave R-Angle Wifi6/6E RPS



TE Part #T4113501041-000  
M12,MALE,RA,D CODE,4P,PG7,GOLD



TE Part #NB33842001  
TAK-SLEEVE-1/8-X-STK



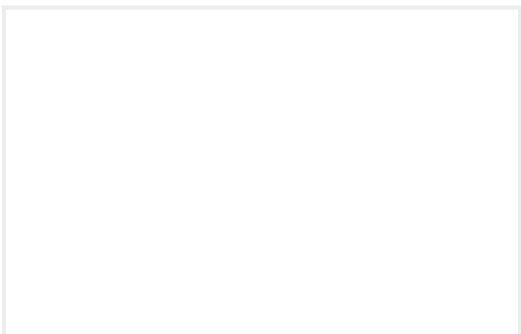
TE Part #DT2P-BT-BK  
BOOT, 2P, REC, ST, BLK



TE Part #282155-008  
44A0111-14-4



TE Part #4-1676481-4  
CPF 0603 360R 0.1% 25PPM 1K RL



TE Part #T4171110504-002  
M12,REAR MOUNTING,FEMALE,D,4P, 0.5M WIRE



Documents

Product Drawings

PLG, 4P, GRY, N, CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT06-4S-EP04\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT06-4S-EP04\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT06-4S-EP04\_B.3d\_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English