



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



Connector System: **Wire-to-Wire**  
Number of Positions: **6**  
Connector & Housing Type: **Housing for Female Terminals**  
Centerline (Pitch): **4.44 mm [.175 in]**  
Sealable: **Yes**

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

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| Connector Shape                   | Rectangular                  |
| 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  | 1, 2, 3, 4, 5, 6            |
| Connector Modification | Solid Rear Grommet, End Cap |
| Number of Positions    | 6                           |
| Number of Rows         | 2                           |



Electrical Characteristics

|                              |         |
|------------------------------|---------|
| Operating Voltage            | 250 VAC |
| Nominal Voltage Architecture | 250 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

|                             |                            |
|-----------------------------|----------------------------|
| 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) | 4.44 mm[.175 in] |

Dimensions

|                    |                    |
|--------------------|--------------------|
| Connector Height   | 24.03 mm[.946 in]  |
| Product Width      | 20.83 mm[.82 in]   |
| Product Length     | 33.48 mm[1.318 in] |
| Row-to-Row Spacing | 4.45 mm[.175 in]   |

Usage Conditions

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

Operation/Application

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

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 | 800 |
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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





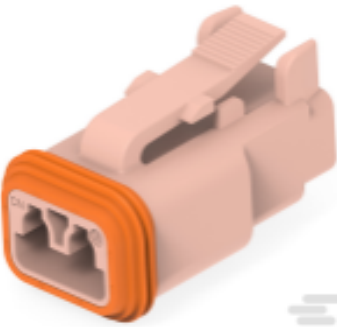
TE Part # CAT-J41-DDRC  
DEUTSCH DT Receptacle Connectors



TE Part # CAT-D487-H342  
DEUTSCH DT Headers



TE Part # 1011-347-0605  
DUST CAP, 6P, PLG, BLK, DT



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



TE Part # 2484670-3  
REC, 6P, BLK, N, FLANGE



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

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)



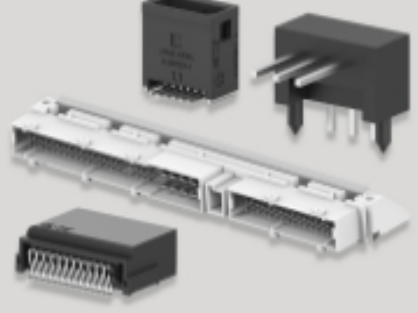
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)

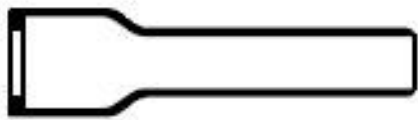


PCB Headers & Receptacles(106)

Customers Also Bought







TE Part #814495-000  
202D221-4-0



TE Part #206153-2  
CPC RECPT ASSEMBLY SIZE 11-4



TE Part #DRC18-40SAE-P013  
PLG, 40P, BLK, E, SEAL BOND, A



TE Part #DT06-08SA-CE13  
DEUTSCH DT Plug Connectors



TE Part #K1124800  
Battery Disconnecter 35-213-151-R



TE Part #DT16-18SC-K004  
PLG, 18P, BLK, E, C



TE Part #1416010-1  
V23132A2001B200

Documents

Product Drawings  
PLG, 6P, GRY, BLOCKED

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_DT06-6S-C017\_A.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_DT06-6S-C017\_A.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_DT06-6S-C017\_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