# DT04-6P-C015 ✔ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-6P-C015

Housing for Male Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Series Housings & Connectors

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

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

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

Number of Positions: **6**

Centerline (Pitch): **9.12 mm [ .359 in ]**

All DEUTSCH DT Series Housings & Connectors (463)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Blank Cavity Position | 0 |
| Connector Seal Code | E Seal |
| Number of Positions | 6 |
| Number of Rows | 3 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VAC |
| 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 | 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) | 9.12 mm[.359 in] |

## Dimensions

| | |
|---|---|
| Connector Height | 24.16 mm[.951 in] |
| Product Width | 20.83 mm[.82 in] |
| Product Length | 45.92 mm[1.808 in] |
| Row-to-Row Spacing | 4.45 mm[.175 in] |
| Accepts Wire 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 & Signal |

## Industry Standards

| | |
|---|---|
| Degree of Protection | IP68, IP6K9K |
| Agency/Standard | 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<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-D48-SP729
DEUTSCH SEALING PLUGS

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

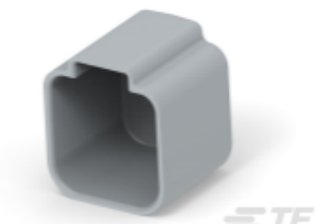
TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS

TE Part # CAT-D487-M8649
DEUTSCH DT MOUNTING CLIPS

TE Part # W6P
WEDGE LOCK, 6P, REC, GRN, DT

TE Part # 776364-1
SEALING PLUG, SZ 20 CAVITY

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # DT6P-DC
PROTECT CVR, 6P, REC, GRY, DT

TE Part # CAT-D487-B128
DEUTSCH DT BACKSHELLS

TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16

TE Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS

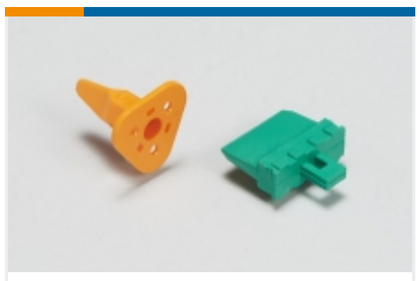
TE Part # DT6P-BT
BOOT, 6P, REC, ST, GRY

TE Part # DT6P-BT-BK
BOOT, 6P, REC, ST, BLK

TE Part # DT6P-BT-YW
BOOT, 6P, REC, ST, YEL

## Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers (107)



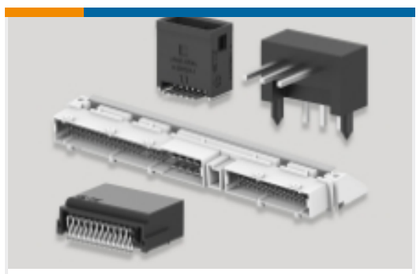
Automotive Connector Locks & Position Assurance(73)

Automotive Housings(622)

Automotive Seals & Cavity Plugs(4)

Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(102)

## Customers Also Bought

TE Part #DT06-08SA-C015
DEUTSCH DT Series Housings & Connectors

TE Part #W6P
WEDGE LOCK, 6P, REC, GRN, DT

TE Part #K1164743
Relay 30-313-12-EC-10-917

TE Part #DRC16-70SDE-P013UK
PLG, 70P, BLK, E, SEAL BOND, D

## Documents

### Product Drawings

REC, 6P, GRY, E

English

REC, 6P, GRY, E

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT04-6P-C015_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT04-6P-C015_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT04-6P-C015_B.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