



DEUTSCH | DEUTSCH DT

TE Internal #: DT04-2P-E004

Housing for Male Terminals, Wire-to-Wire, 2 Position, .215 in [5.46 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DT

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Connectors > Automotive Connectors > Connector 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: **2**

Centerline (Pitch): **5.46 mm [ .215 in ]**

[All DEUTSCH DT Series Housings & Connectors \(461\)](#)

## Features

### Product Type Features

Connector & Housing 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
Number of Positions	2
Number of Rows	1

### Electrical Characteristics

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

### Body Features

Cable Exit Angle	180°
Body Material	PA GF



Primary Product Color	Black
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### Contact Features

Contact Size	Size 16
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Contact Type	Pin
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Mating Pin Diameter	1.59 mm [.063 in]
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Contact Current Rating (Max)	13 A
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### Mechanical Attachment

Mounting Feature	With
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Terminal Position Assurance	Yes
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Strain Relief	Add By Accessory
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Mating Alignment Type	Polarized
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	5.46 mm [.215 in]
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### Dimensions

Product Width	17.15 mm [.675 in]
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Product Length	43.38 mm [1.708 in]
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Product Height	17.02 mm [.67 in]
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Accepts Wire Insulation Diameter Range	2.23 – 3.68 mm [.088 – .145 in]
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### Usage Conditions

Operating Temperature (Max)	125 °C [257 °F]
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Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

Agency/Standard	SAE J2030
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Degree of Protection	IP68, IP6K9K
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UL Flammability Rating	12mm Flame Test per Standard UL-94
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### Packaging Features

Packaging Quantity	1000
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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 2022 (223)  
Candidate List Declared Against: JAN 2022 (223)  
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-D487-W416  
DEUTSCH DT WEDGELOCKS



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



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



TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16



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



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



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



TE Part # DT2P-BT-YW  
BOOT, 2P, REC, ST, YEL

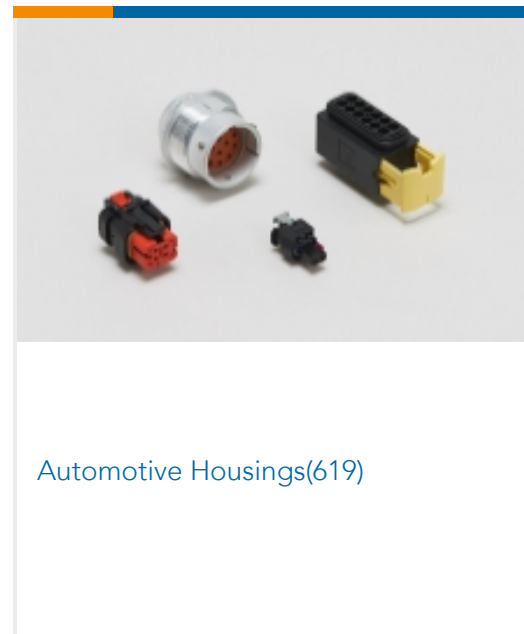
## Also in the Series | DEUTSCH DT



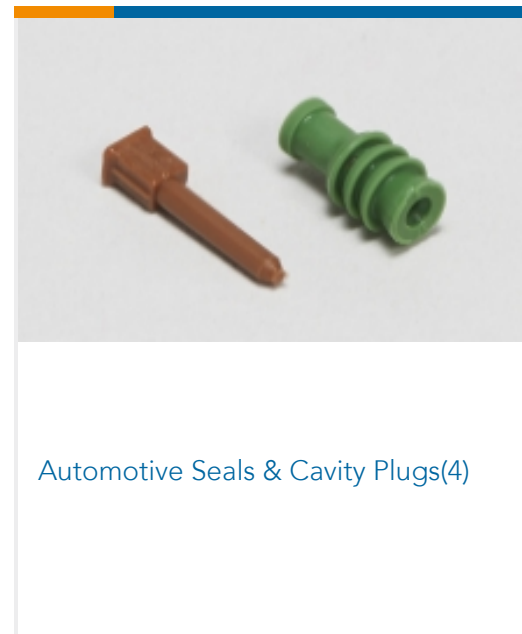
Automotive Connector Caps & Covers  
(98)



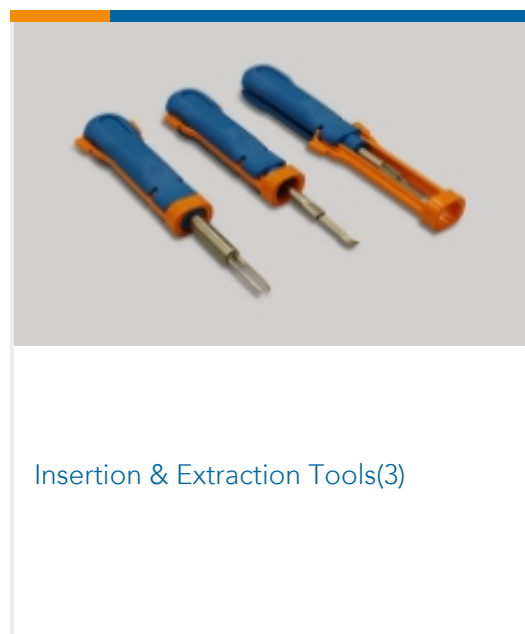
Automotive Connector Locks & Position Assurance(73)



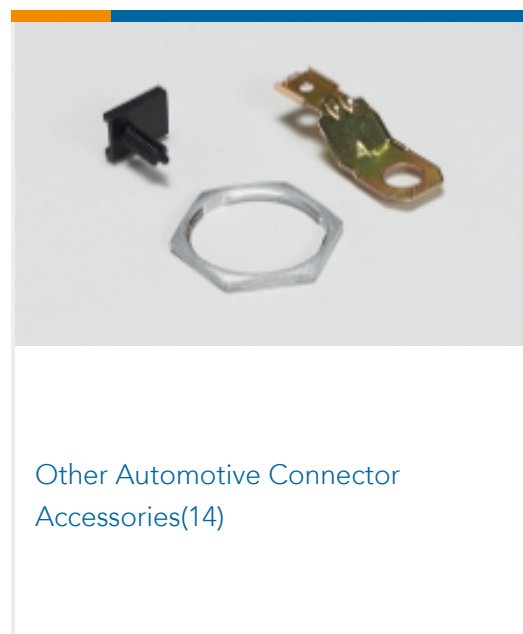
Automotive Housings(619)



Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(106)

## Customers Also Bought



TE Part #9-1437651-1  
6PCR-07-006=#6 TRIBARRIER



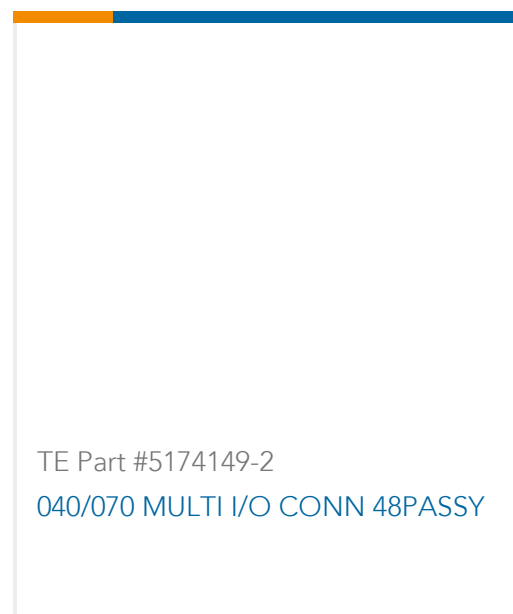
TE Part #DT06-2S-E004  
DEUTSCH DT Series Housings & Connectors



TE Part #W2P  
DEUTSCH DT WEDGELOCKS



TE Part #1060-16-0122  
PIN, SF, SIZE 16, 14-18, NI/SN



## Documents

### Product Drawings

REC, 2P, BLK, N

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT04-2P-E004\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-2P-E004\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-2P-E004\_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

### Product Environmental Compliance

MD\_DT04-2P-E004\_03222018514\_dmtec

English

MD\_DT04-2P-E004\_03222018514\_dmtec

English

### Agency Approvals

UL Report



English