

DT06-4S-LC01 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-4S-LC01

Housing for Female Terminals, Wire-to-Wire, 4 Position, .175 in [4.45 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DT

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



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

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

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

Number of Positions: **4**

Centerline (Pitch): **4.45 mm [ .175 in ]**

[All DEUTSCH DT Plug Connectors \(199\)](#)

## Features

### Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female 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 Modification	Enhanced Seal Retention, DIN Backshell Adapter
Connector Seal Code	E Seal
Number of Positions	4
Number of Rows	2

### 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	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)	4.45 mm[.175 in]

### Dimensions

Connector Height	24 mm[.945 in]
Product Width	24 mm[.945 in]
Product Length	40.44 mm[1.592 in]
Row-to-Row Spacing	9.12 mm[.359 in]
Compatible 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
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### Industry Standards

Degree of Protection	IP68, IP6K9K
Agency/Standard	SAE J2030



UL Flammability Rating	12mm Flame Test per Standard UL-94
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### Packaging Features

Packaging Quantity	700
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Packaging Method	Box
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### Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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#### 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>

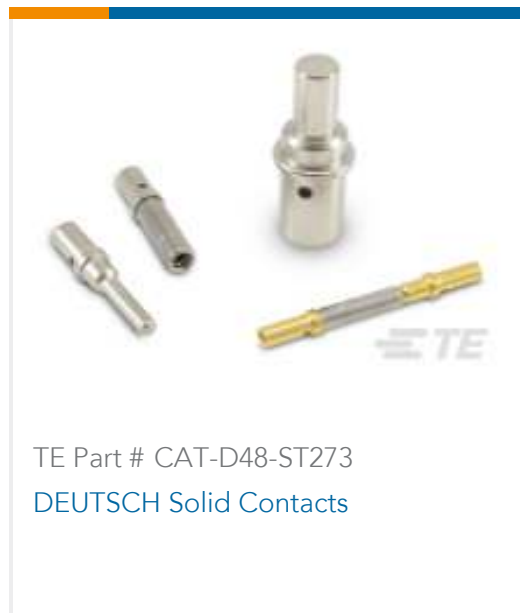
### Compatible Parts



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



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



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



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



TE Part # CAT-D487-H342  
DEUTSCH DT Headers



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



TE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts

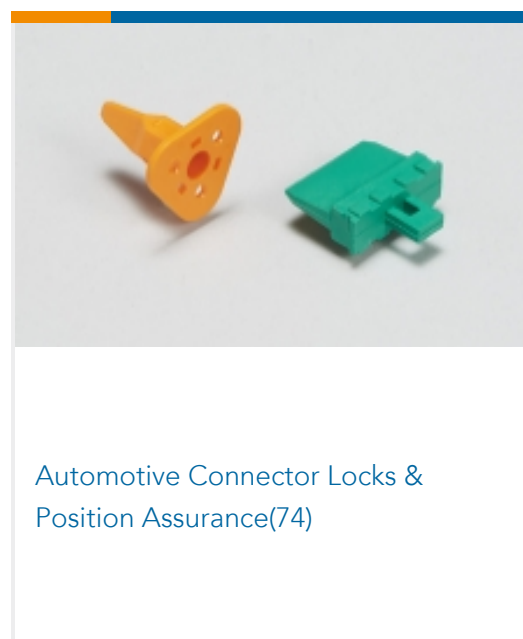


TE Part # CAT-D487-CH8172  
DEUTSCH DT Series Housings & Connectors

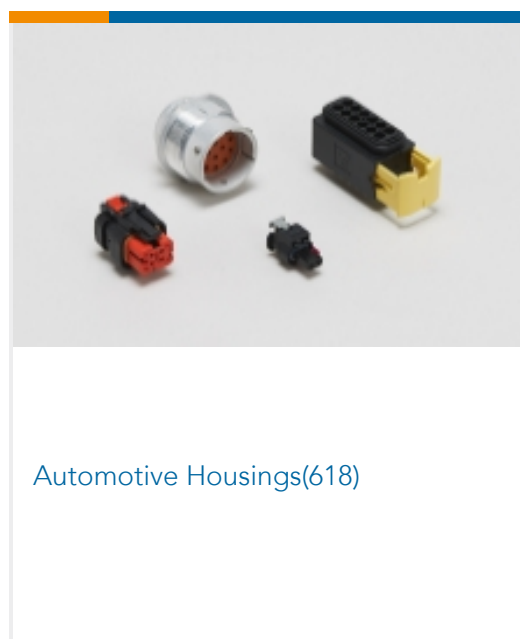
## Also in the Series | DEUTSCH DT



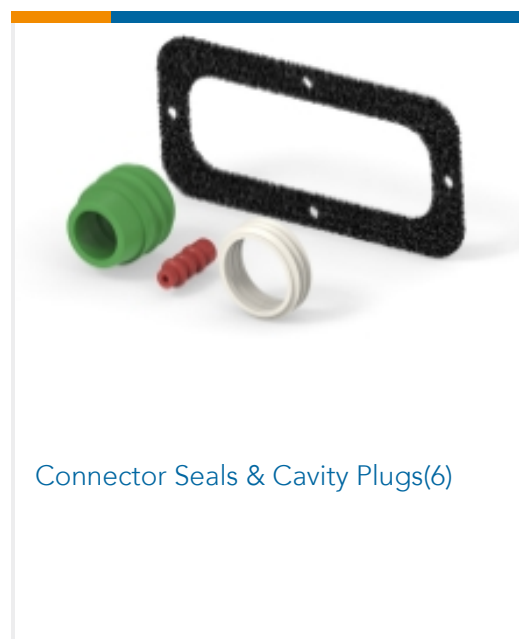
Automotive Connector Caps & Covers  
(107)



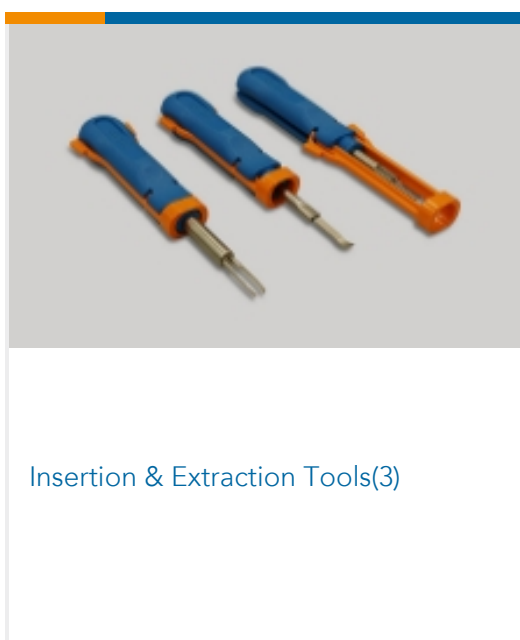
Automotive Connector Locks & Position Assurance(74)



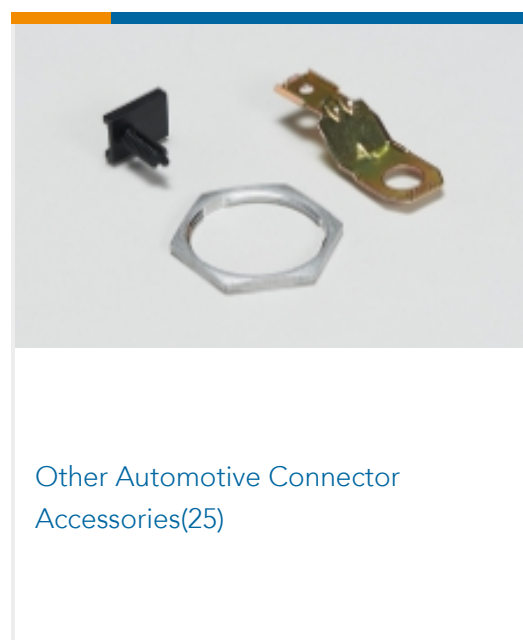
Automotive Housings(618)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(25)



PCB Headers & Receptacles(103)

## Customers Also Bought





TE Part #DT04-12PA-CL15  
DEUTSCH DT Receptacle Connectors



TE Part #DT06-3S-LC01  
PLG, 3P, BLK, E, SL RT, DIN BKSHL  
ADPT



TE Part #DTMN04-2P  
REC, 2P, BLK, N, NON-ENVIR



TE Part #5-1879214-2  
CPF 0402 1K18 0.1% 25PPM 1K RL



TE Part #429596-ZZ  
DUST CAP.HD10.WITH 115mm  
NYLON C



TE Part #2500004-1  
SRC Pwr 48+8ADG Female Recp Hsg  
Assy



TE Part #2500022-1  
SRC Pwr 60+6AG Male Blade Hsg Assy  
2.5



TE Part #CAR3SC68  
CAR RECPT DIN9680 3way, IP68



TE Part #SRK-PC-080-25-601  
PIN, SOLID, SIZE M8, 25mm2, AG

## Documents

### Product Drawings

PLG, 4P, BLK, E, SEAL RET,DIN BKSHL ADPT

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-4S-LC01\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-4S-LC01\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-4S-LC01\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages



### [DEUTSCH DT Enhanced Seal Retention Connectors](#)

English

### [ICT Terminals and Connectors Catalogue](#)

English

### [CONNECTOR SELECTOR](#)

English

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### [Product Specifications](#)

#### [Application Specification](#)

English

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### [Agency Approvals](#)

#### [UL Report](#)

English