# DT06-4S-LC01 ✔ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-4S-LC01

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

View on TE.com >

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



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

Number of Positions: **4**

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 | 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 |

| | |
|---|---|
| Nominal Voltage Architecture | 250 V |

## 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) | 4.44 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 |

## 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 | 700 |
| 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>SVHC > Threshold:<br>Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)<br>Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)<br>Decamethylcyclopentasiloxane (D5) (.5% in Component Part)<br>**Article Safe Usage Statements:**<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 # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



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



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



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



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D487-H342
DEUTSCH DT Headers



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



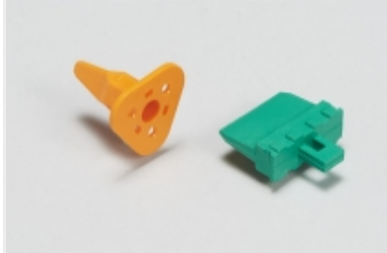
TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors

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

## Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(87)



Automotive Housings(706)



Connector Backshells(61)



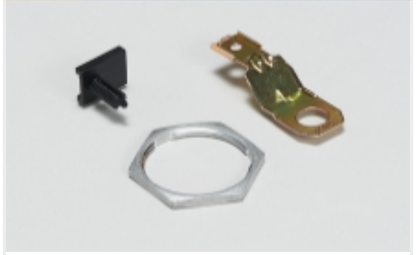
Connector Seals & Cavity Plugs(6)



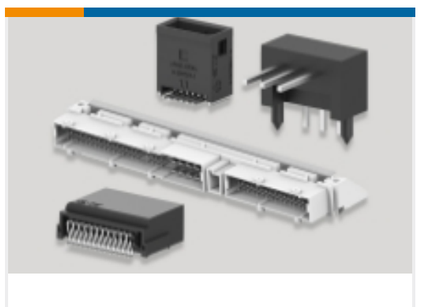
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(106)

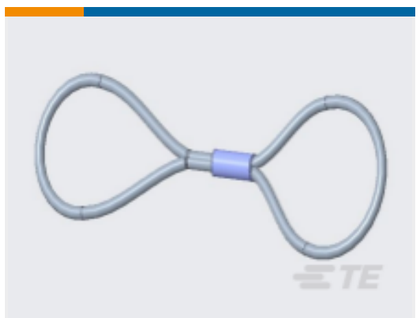
## Customers Also Bought



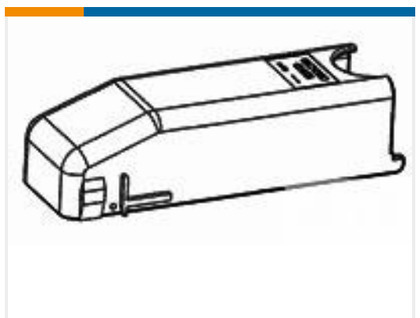
TE Part #1028-034-1205
BKSHL, 12P, BLK, REC, ST, NW 13/17



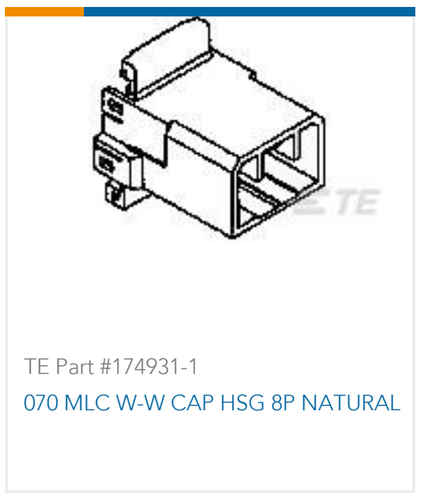
TE Part #1011-250-1205
BKSHL, 12P, BLK, REC,RA, NW10/13/17



TE Part #JDL082397
RUBBER LANYARD



TE Part #1393454-7
V23542C1052Z102=52P ABDECKKAPP



TE Part #174931-1
070 MLC W-W CAP HSG 8P NATURAL



TE Part #2359763-1
DIE SET1 IPT STAMPING T 70MM2

TE Part #1-1372314-4
FLAT BELT

TE Part #2234747-1
ADAPTOR, HV APPLICATOR

TE Part #8-1372711-8
CUTTING BLADE

TE Part #C0-0236-000-P00
DIGITAL CRIMPING TOOL, MID SIZE

## 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

## Product Specifications

Application Specification

English

## Agency Approvals

UL Report

English