# DT15-6P-GP01 ✔ ACTIVE

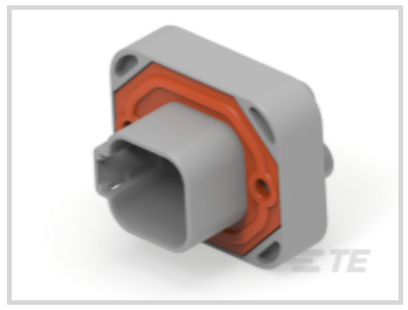
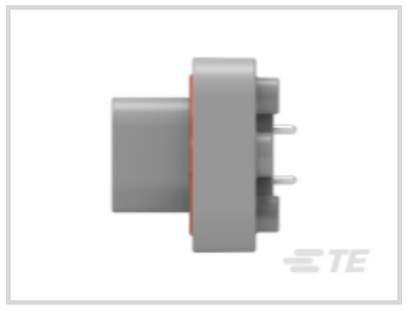
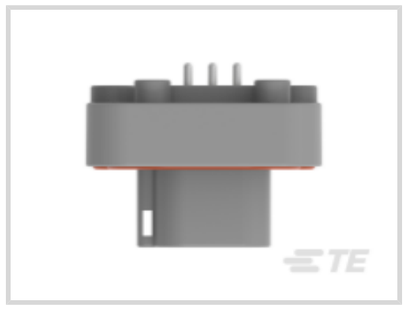
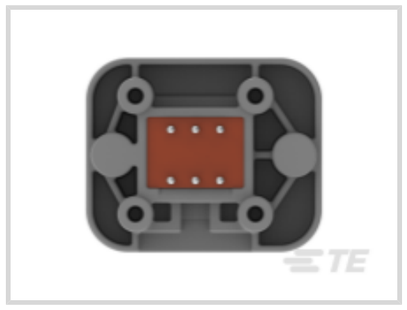
DEUTSCH | DEUTSCH DT

TE Internal #: DT15-6P-GP01

Vertical, Wire-to-Board, 6 Position, 2 Row, 1.45mm [.175in] Centerline, Gold (Au), Sealable, Wire & Cable, DEUTSCH DT

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > DEUTSCH DT Headers


PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **13 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

Centerline (Pitch): **1.45 mm [ .175 in ]**

All DEUTSCH DT Headers (73)

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Connector Assembly |
| Mixed & Hybrid Header | No |
| Header Type | Fully Shrouded |
| Connector Shape | Rectangular |
| Sealable | Yes |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Signal Positions | 6 |
| Number of Sections | 1 |
| PCB Mount Orientation | Vertical |
| Number of Positions | 6 |
| Number of Rows | 2 |

## Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VDC |
| Voltage Rating (Max) | 250 VDC |
| Nominal Voltage Architecture | 12 V, 24 V |

## Body Features

| | |
|---|---|
| Primary Product Color | Gray |

## Contact Features

| | |
|---|---|
| Mating Pin Diameter | 1.59 mm[.063 in] |
| Contact Type | Pin |
| Contact Current Rating (Max) | 13 A |
| Contact Mating Area Plating Material | Gold (Au) |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Panel Mount Feature | With |
| Mating Retention Type | Locking Interface |
| PCB Mount Retention | With |
| Mounting Holes | With |
| Mating Alignment Type | Not Keyed |
| PCB Mount Retention Type | Mounting Screw |
| Mating Alignment | Without |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Panel Mount |

## Housing Features

| | |
|---|---|
| Centerline (Pitch) | 1.45 mm[.175 in] |

## Dimensions

| | |
|---|---|
| Connector Width | 42.8 mm[1.685 in] |
| PCB Thickness (Recommended) | .78 – 2.36 mm[.031 – .093 in] |
| Connector Length | 39.5 mm[1.555 in] |
| Profile Height from PCB | 35.26 mm[1.388 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature (Max) | 125 °C[257 °F] |

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

### Operation/Application

| | |
|---|---|
| Shielded | No |
| Circuit Application | Power & Signal |

### Industry Standards

| | |
|---|---|
| IP Rating | Not Tested |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 210 |
| Packaging Method | Box |

### Other

| | |
|---|---|
| Interface Number | DT04-6P |

## 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<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 |

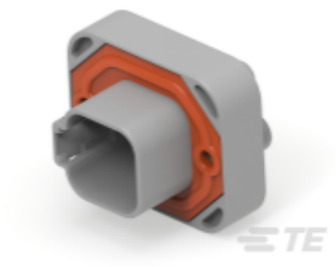
Product Compliance Disclaimer

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



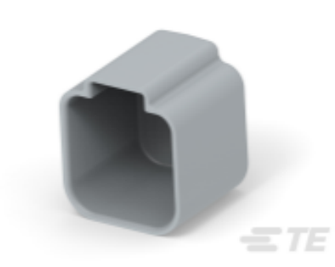
TE Part # CAT-J41-DDPC
DEUTSCH DT Plug Connectors



TE Part # DT15-6P-G003
HDR, 6P, GRY, ST, AU/NI/CU



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

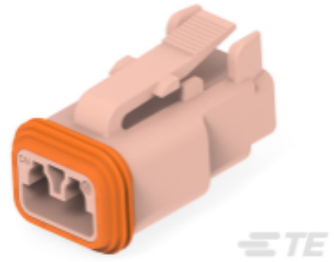


TE Part # DT6P-DC
PROTECT CVR, 6P, REC, GRY, DT



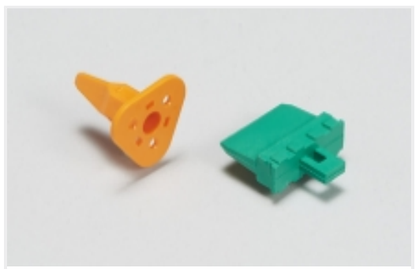
TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors

TE Part # 1013-004-0606
SEAL, FLANGE, 6P, DT13/15



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

## Also in the Series | DEUTSCH DT



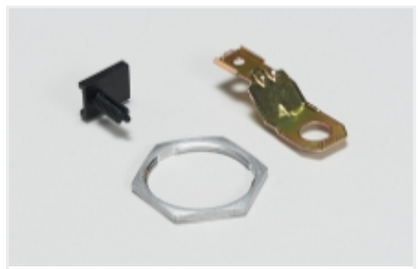
Automotive Connector Locks & Position Assurance(91)



Automotive Seals & Cavity Plugs(18)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(27)

## Customers Also Bought



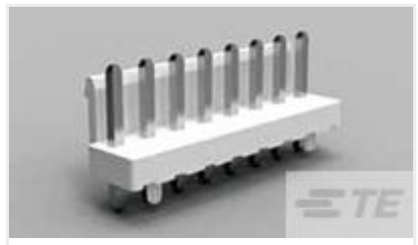
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #2-1564520-1
12POS,TAB 1.6X0.6,TAB HSG,ASSY



TE Part #1718350-1
MCON 1.2 CB TAB STC SN



TE Part #1744429-4
3.96 EP HDR ASSY 4P W/PEGS, GW



TE Part #1969608-2
2P VAL-U-LOK TPA 22-18 AWG



TE Part #2112166-3
SLIDE,FOR 21POS.



TE Part #2203698-1
2P MCON UNSEALED PLUG WIRE DRESS



TE Part #2203701-3
2POS, MCON 1.2 CB TAB 2p TL UNSEALED

TE Part #1-2334158-1
RESOLVER SCR405 ROTOR WT RIVETS WT MARK

## Documents

### Product Drawings

HDR, 6P, GRY, ST, 5 PSI, AU/NI/CU

English

### CAD Files

Customer View Model

ENG_CVM_CVM_DT15-6P-GP01_99.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT15-6P-GP01_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT15-6P-GP01_99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

### Product Specifications

## Application Specification

English

## Agency Approvals

### UL Report

English