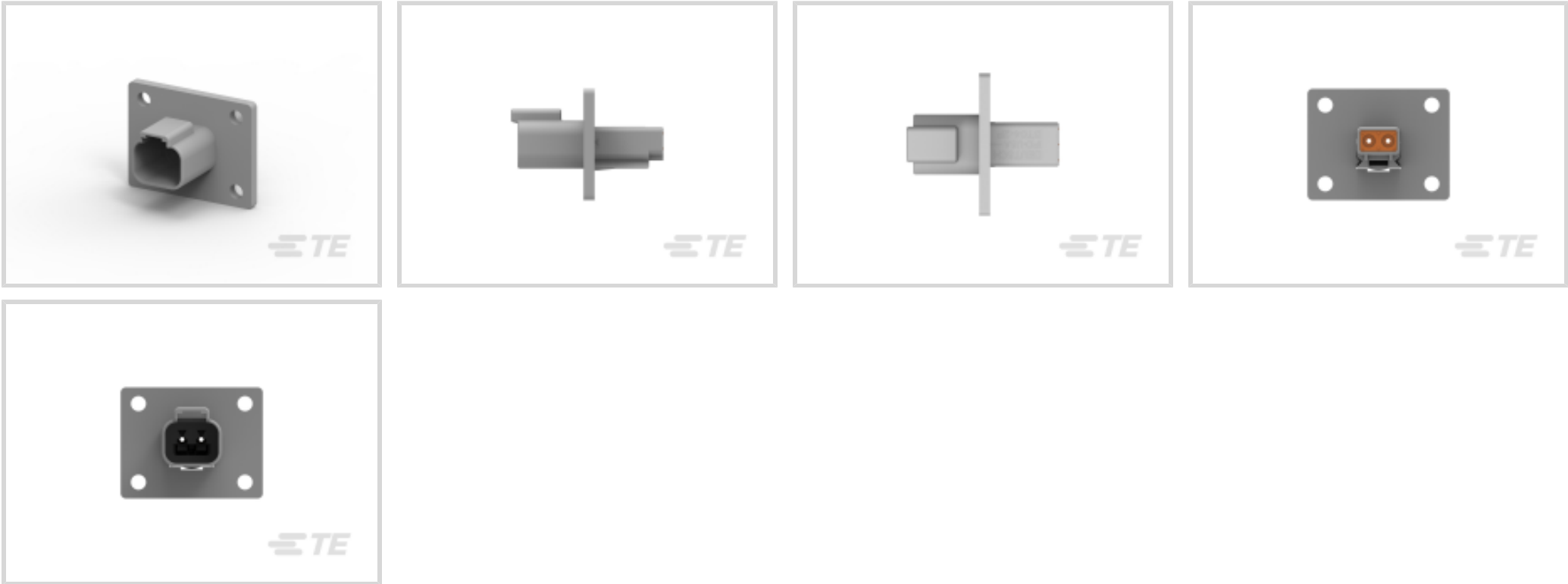




Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Series Housings & Connectors



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

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

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

Number of Positions: **2**

Centerline (Pitch): **5.46 mm [ .215 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 Modification	Welded Flange
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°
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	Panel Mount

Housing Features

Housing Material	PA GF
Centerline (Pitch)	5.46 mm[.215 in]

Dimensions

Connector Height	31.75 mm[1.25 in]
Product Width	40.51 mm[1.595 in]
Product Length	43.38 mm[1.708 in]
Accepts Wire Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 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
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Agency/Standard	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	400
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) Candidate List Declared Against: JUNE 2022 (224) 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-D487-W416  
DEUTSCH DT WEDGELOCKS



TE Part # CAT-D487-B128  
DEUTSCH DT BACKSHELLS



TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



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(621)



Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(14)




PCB Headers & Receptacles(108)

Customers Also Bought

DT04-2P-L012

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





TE Part #DT04-08PA-L012  
DEUTSCH DT Series Housings & Connectors



TE Part #W2P  
WEDGE LOCK, 2P, REC, GRN, DT



TE Part #HC5728  
LEAD CONNECTOR 16MM



TE Part #HC5840D  
INTEGRAL BATT. POST. DOUBLE TAPER.



TE Part #HC5841  
70MM2 BATTERY CLMP ASSMB NEGATIVE

TE Part #DT3P-L012-GKT  
GASKET, 3P, BLK, DT/DTM

TE Part #DT4P-L012-GKT  
GASKET, 4P, BLK, DT/DTM

TE Part #429604-ZZ  
5/16 UNC HEXAGON NUT ELECTRO TIN P

TE Part #429605-ZZ  
SQ.HEAD BOLT 5/16 UNC x 1- ELECTRO TI

Documents

Product Drawings  
REC, 2P, GRY, N, FLANGE

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT04-2P-L012\_99\_c-dt04-2p-l012-99.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-2P-L012\_99\_c-dt04-2p-l012-99.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-2P-L012\_99\_c-dt04-2p-l012-99.3d\_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

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[Product Specifications](#)

[Application Specification](#)

English

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[Agency Approvals](#)

[UL Report](#)

English