

DT04-6P-L012 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-6P-L012

6 Position Housing, Receptacle, Wire-to-Panel, 9.1 mm [.358 in]

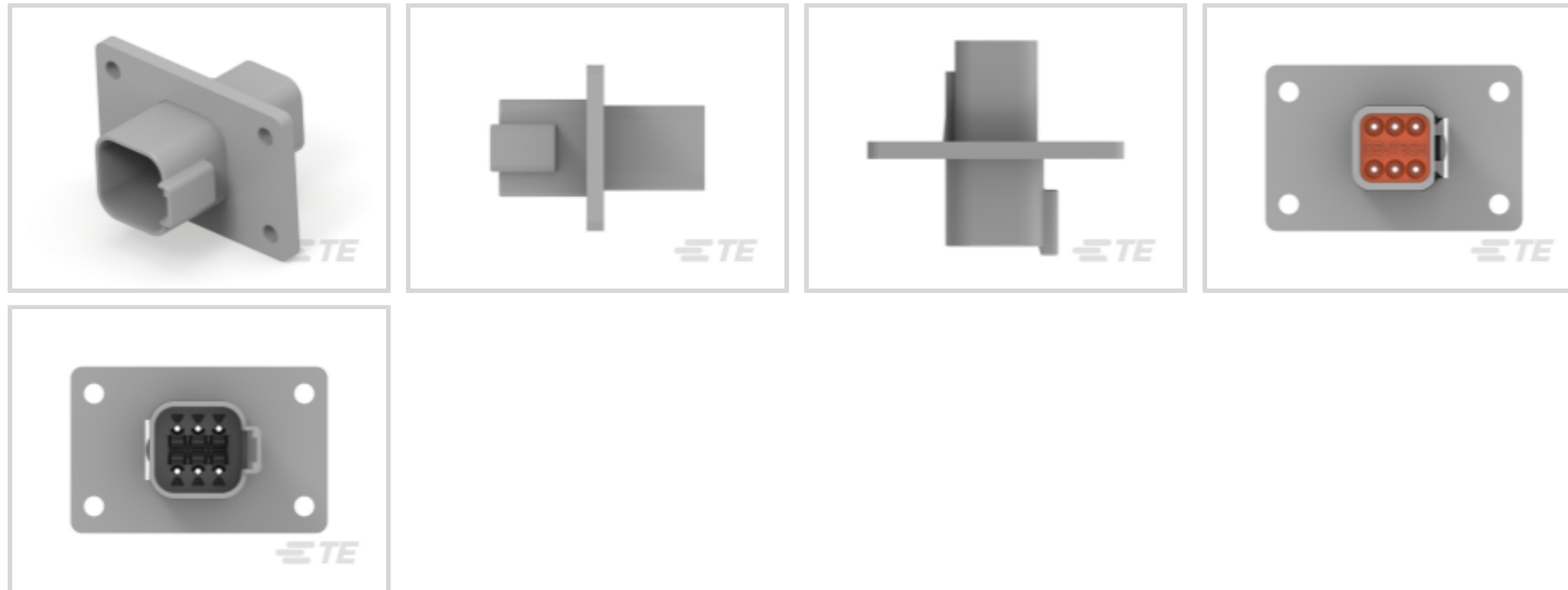
Centerline, Sealable, Gray, Wire & Cable, Power, Panel Mount,

DEUTSCH DT

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Receptacle Connectors



Number of Positions: 6

Connector & Housing Type: **Receptacle**

Mating Pin Diameter: 1.6 mm [.063 in]

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

Centerline (Pitch): 9.1 mm [.358 in]

[All DEUTSCH DT Receptacle Connectors \(231\)](#)

Features

Electrical Characteristics

Operating Voltage	250 VDC
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Industry Standards

IP Rating	IP6K9K, IP68
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	UL 94V-0

Dimensions

Row-to-Row Spacing	4.45 mm[.175 in]
Compatible Insulation Diameter Range	1.4 – 3.8 mm[.055 – .15 in]
Product Width	35.5 mm[1.39 in]
Product Length	55 mm[2.16 in]
Connector Height	45.9 mm[1.8 in]

Packaging Features



Packaging Quantity	1
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Packaging Method	Bag
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Mechanical Attachment

Strain Relief	Without
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Terminal Position Assurance	No
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Mating Alignment Type	Polarized
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Mating Alignment	With
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Connector Mounting Type	Panel Mount
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Gray
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Housing Features

Housing Material	PA 66 GF15
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Centerline (Pitch)	9.1 mm [.358 in]
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Contact Features

Contact Size	Size 16
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Contact Type	Pin
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Mating Pin Diameter	1.6 mm [.063 in]
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Contact Current Rating (Max)	13 A
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Product Type Features

Mixed & Hybrid Connector	No
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Connector Shape	Rectangular
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Connector & Housing Type	Receptacle
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Connector System	Wire-to-Panel
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Sealable	Yes
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Primary Locking Feature	Integrated in Housing
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Connector & Contact Terminates To	Wire & Cable
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Configuration Features

Blank Cavity Position	0
Connector Seal Code	N Seal
Number of Positions	6
Number of Rows	3

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Product Compliance

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

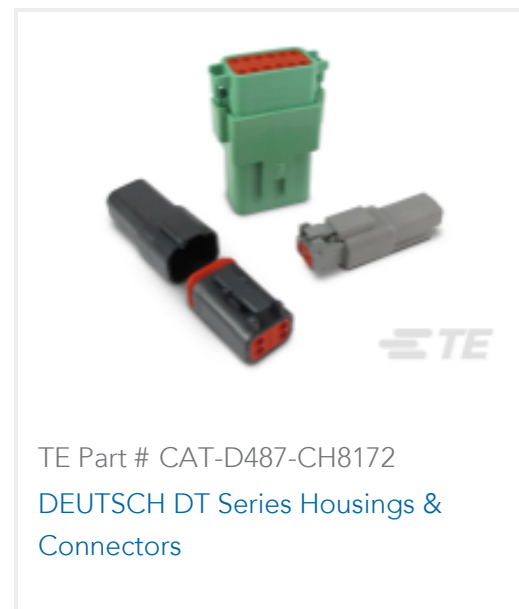
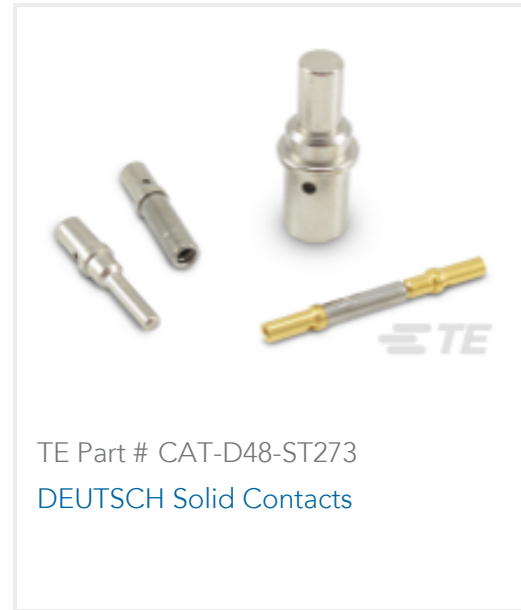
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: 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>

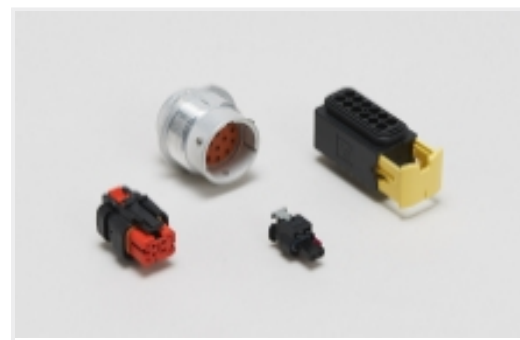
Compatible Parts



Also in the Series | **DEUTSCH DT**



Automotive Connector Caps & Covers (19)



Automotive Housings(737)



Connector Caps & Covers(1)



Connector Strain Relief(31)



Rectangular Backshells & Clamps(3)

Customers Also Bought



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



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



TE Part #DT04-2P-RT02
REC, 2P, BLK, 400V, 1.00V, 3A DIODE, NI



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



TE Part #DTP04-4P-L012
REC, 4P, GRY, N, FLANGE

Documents

Product Drawings

REC, 6P, GRY, N, FLANGE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT04-6P-L012_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_DT04-6P-L012_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-6P-L012_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

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Agency Approvals

UL Report

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