

DT06-6S-EP04 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-6S-EP04

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

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



Number of Positions: 6

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

Mating Pin Diameter: 1.59 mm [.063 in]

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

Centerline (Pitch): 4.44 mm [.175 in]

[All DEUTSCH DT Plug Connectors \(204\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	6
Number of Rows	2

Electrical Characteristics



Operating Voltage	250 VDC
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Nominal Voltage Architecture	250 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Gray
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Contact Features

Contact Size	Size 16
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Contact Type	Socket
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Mating Pin Diameter	1.59 mm[.063 in]
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Contact Current Rating (Max)	13 A
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Mechanical Attachment

Strain Relief	Add By Accessory
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Terminal Position Assurance	Yes
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Mating Alignment Type	Polarized
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PA GF
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Centerline (Pitch)	4.44 mm[.175 in]
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Dimensions

Row-to-Row Spacing	4.45 mm[.175 in]
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Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
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Product Width	20.83 mm[.82 in]
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Product Length	32.21 mm[1.268 in]
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Connector Height	24.03 mm[.946 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

IP Rating	IP68, IP6K9K
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Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	800
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

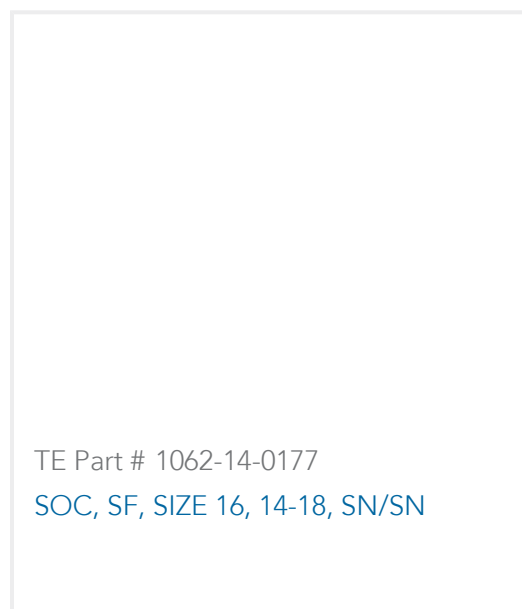
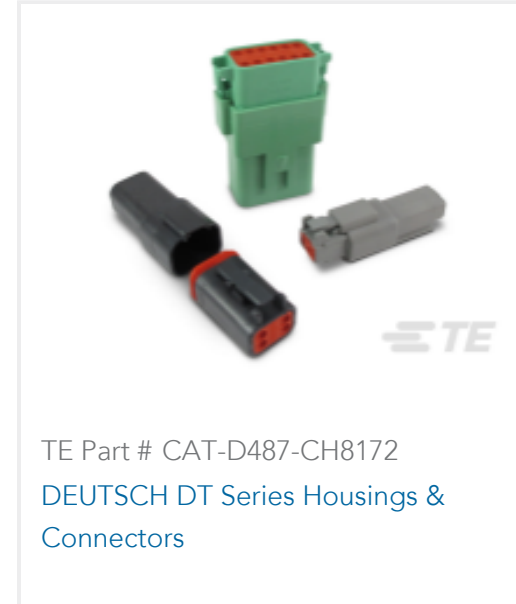
[For compliance documentation, visit the product page on TE.com>](#)

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) 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

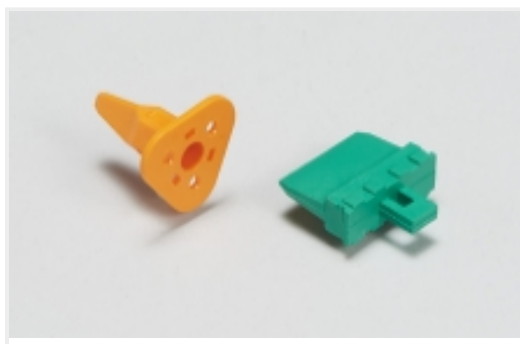
Product Compliance Disclaimer

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>

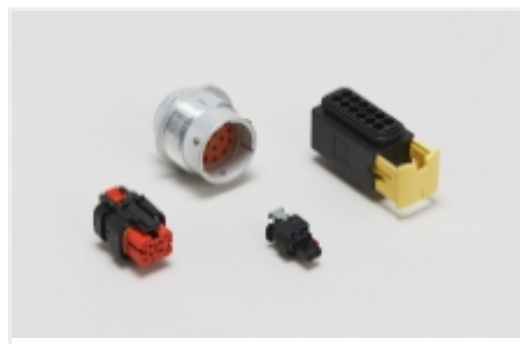
Compatible Parts



Also in the Series | **DEUTSCH DT**



Automotive Connector Locks & Position Assurance(90)



Automotive Housings(738)



Connector Caps & Covers(1)



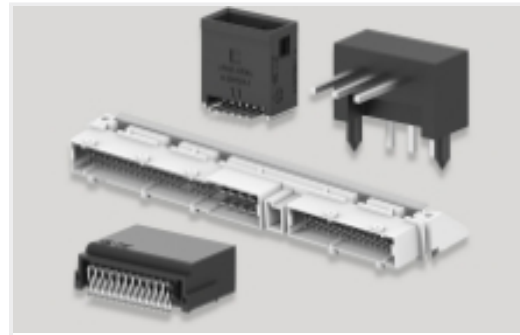
Connector Seals & Cavity Plugs(18)



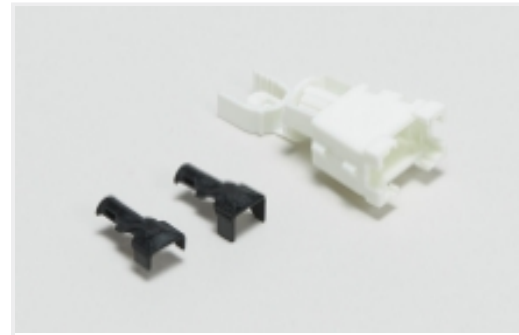
Connector Strain Relief(31)



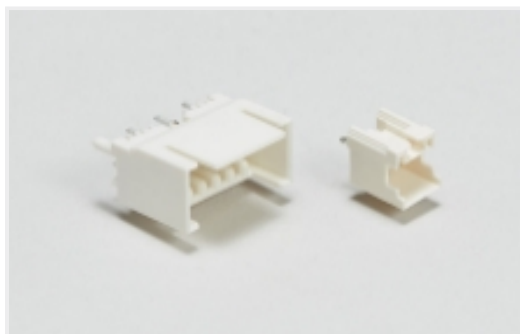
Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(107)



Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles (106)

Customers Also Bought



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



TE Part #DTM06-12SB-E003
PLG, 12P, BLK, N, CAP, B



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



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



TE Part #1-1546671-0
10P.437" DR BARRIER,W/WIR CLMP"

Documents



Product Drawings

[PLG, 6P, GRY, N, CAP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DT06-6S-EP04_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-6S-EP04_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-6S-EP04_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English