

DT04-2P-TN31 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

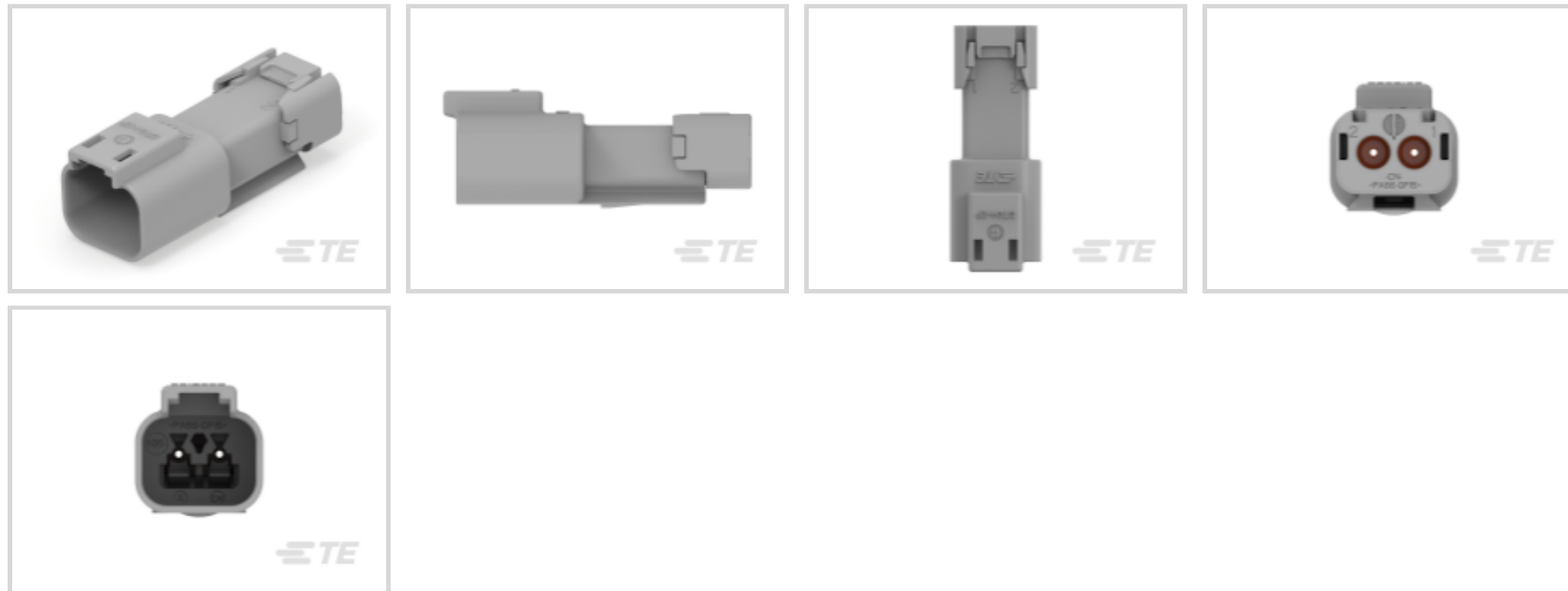
TE Internal #: 1-2303812-2

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

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Snap Cap Connectors



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

Number of Positions: **2**

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

Centerline (Pitch): **5.46 mm [.215 in]**

Sealable: **Yes**

[All DEUTSCH DT Snap Cap Connectors \(40\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1
Blank Cavity Position	0

Housing Features

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

Mating Pin Diameter	1.55 mm[.061 in]
Contact Current Rating (Max)	13 A
Contact Size	Size 16
Contact Type	Pin

Body Features

Primary Product Color	Gray
Cable Exit Angle	180°

Operation/Application

Circuit Application	Power
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Polarized
Mating Alignment	With

Usage Conditions

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

Electrical Characteristics

Nominal Voltage Architecture	250 V
Operating Voltage	250 VDC

Other

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

Dimensions

Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
Product Width	17.15 mm[.675 in]
Product Length	46.18 mm[1.818 in]



Connector Height	17.02 mm[.67 in]
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Industry Standards

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

Packaging Features

Packaging Quantity	950
Packaging Method	Box

Product Compliance

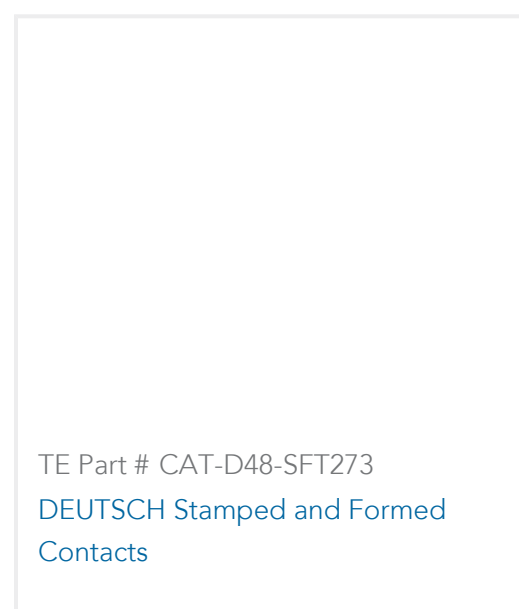
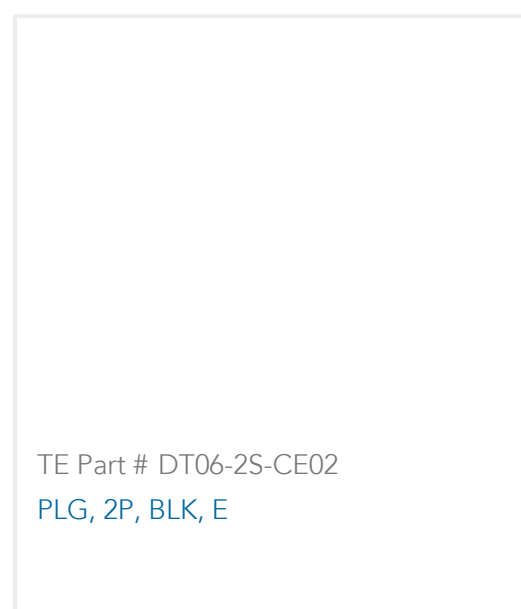
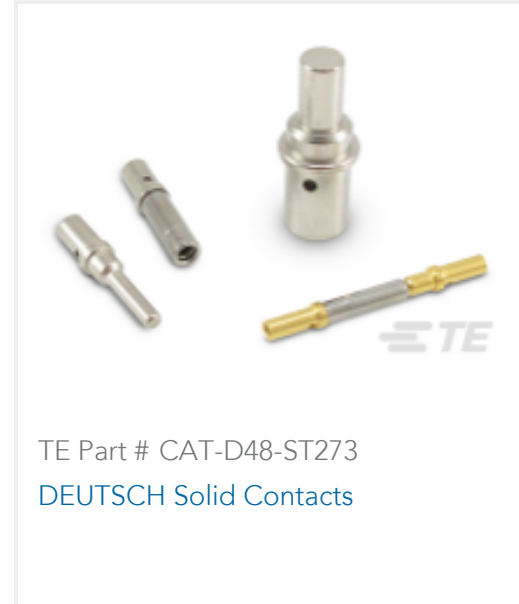
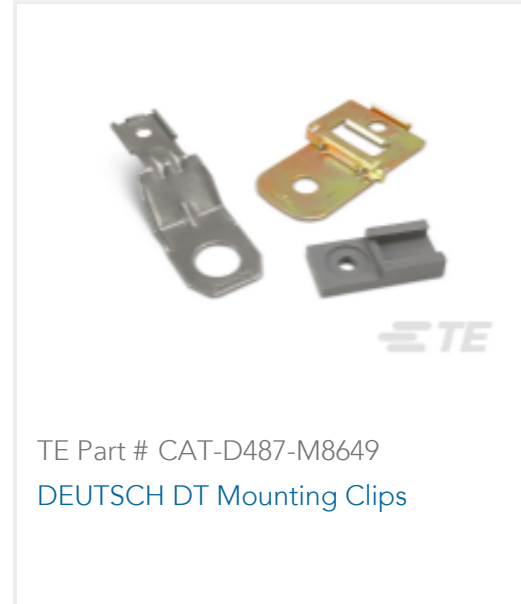
[For compliance documentation, visit the product page on TE.com>](#)

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	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in Component Part)</p> <p>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.</p>
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

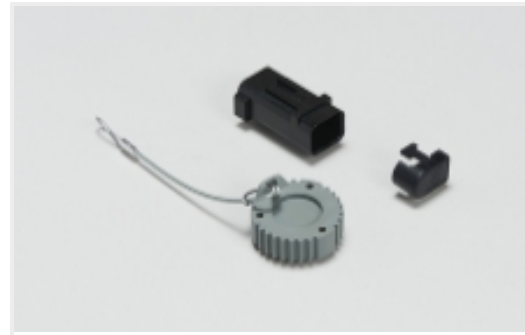
Product Compliance Disclaimer

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>

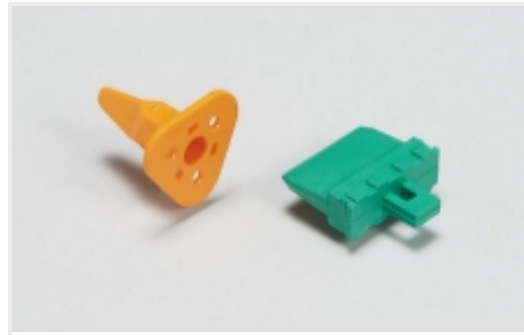
Compatible Parts



Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance (90)



Automotive Housings (737)



Connector Backshells (67)



Connector Caps & Covers (1)



Connector Seals & Cavity Plugs (18)



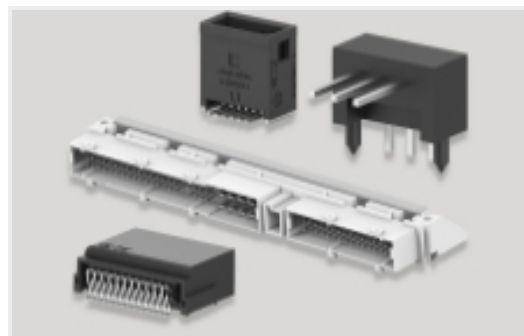
Connector Strain Relief (31)



Insertion & Extraction Tools (3)



Other Automotive Connector Accessories (28)



PCB Headers & Receptacles (107)



Rectangular Connector Housings (1)

Customers Also Bought



TE Part #1011-229-0205
DEUTSCH DT Backshells



TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #1-968857-1
AMP MCP 2.8, CONTACT SWS



TE Part #1-2303815-2
DT06-2S-TN31, PLG, 2P, GRY, N, SNAPCAP



TE Part #1062-20-0222
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part #1060-20-0122
PIN, SF, SIZE 20, 16-22, NI/NI



Documents

Product Drawings

[DT04-2P-TN31, REC, 2P, GRY, N, SNAPCAP](#)

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2303812-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2303812-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2303812-2_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English