

# DTM06-2S ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM06-2S

2 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4.19 mm [.165 in] Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



Number of Positions: 2

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

Mating Pin Diameter: 1.02 mm [.04 in]

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

Centerline (Pitch): 4.19 mm [.165 in]

[All DEUTSCH DTM Housings \(113\)](#)

## 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	2
Number of Rows	1

### Electrical Characteristics



Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 48 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Gray

### Contact Features

Contact Size	Size 20
Contact Type	Socket
Mating Pin Diameter	1.02 mm[.04 in]
Contact Current Rating (Max)	7.5 A

### Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.19 mm[.165 in]

### Dimensions

Compatible Insulation Diameter Range	1.3 – 3 mm[.053 – .12 in]
Product Width	12.9 mm[.508 in]
Product Length	12.1 mm[.476 in]
Connector Height	27.6 mm[1.1 in]

### 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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### Industry Standards

IP Rating	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030



UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### 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	<p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC &gt; Threshold:</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in 27519360988)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in 27519360988)</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in 27519360988)</p> <p><b>Article Safe Usage Statements:</b> 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

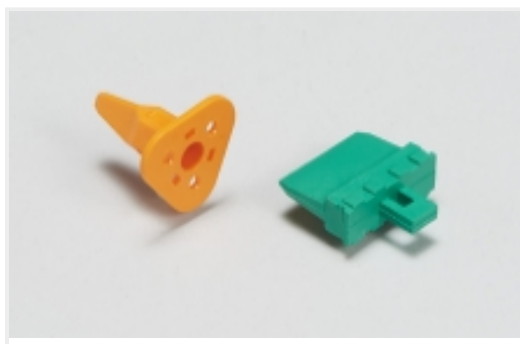
#### Product Compliance Disclaimer

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>

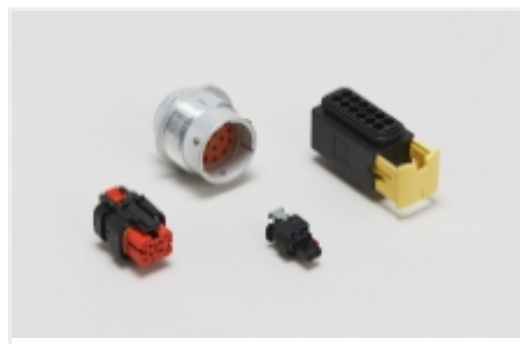
## Compatible Parts



Also in the Series | **DEUTSCH DT**



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(109)



Connector Caps & Covers(1)



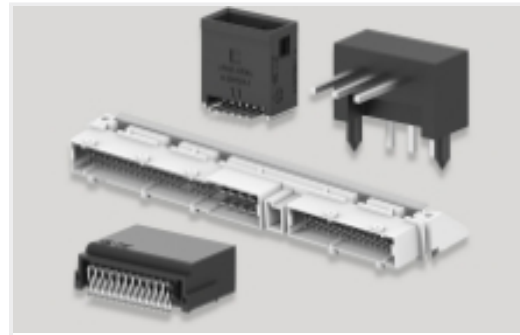
Connector Seals & Cavity Plugs(1)



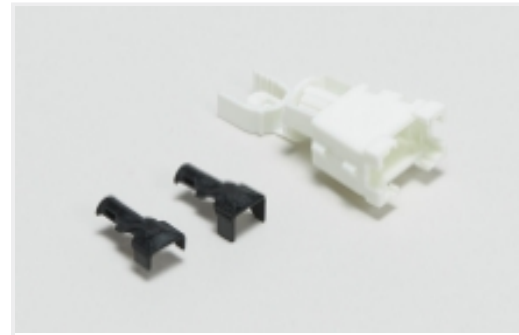
Connector Strain Relief(28)



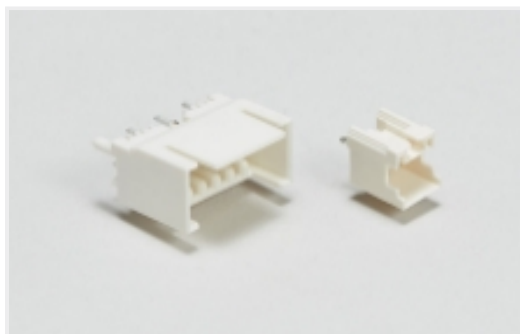
Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(38)

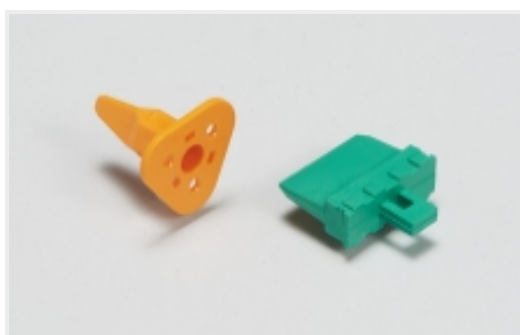


Rectangular Backshells & Clamps(1)



Wire-to-Board Headers & Receptacles (38)

### Also in the Series | DEUTSCH DTM



Automotive Connector Locks & Position Assurance(26)



Automotive Headers(38)



Automotive Housings(109)



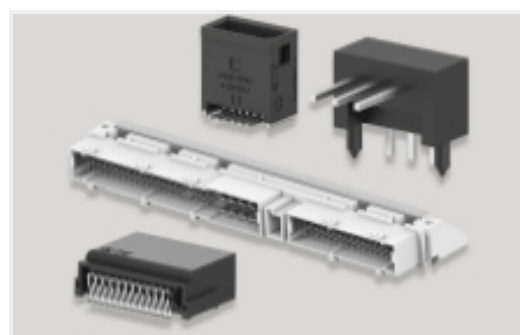
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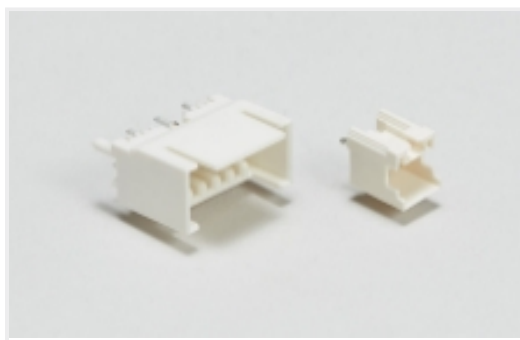
Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(38)



Rectangular Backshells & Clamps(1)



Wire-to-Board Headers & Receptacles  
(38)

## Customers Also Bought



TE Part #CAT-D485-CH8172  
DEUTSCH DTM Housings



TE Part #CAT-D485-W416  
DEUTSCH DTM Wedgelocks

## Documents

### Product Drawings

[PLG, 2P, GRY, N](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM06-2S\\_99\\_c-dtm06-2s-99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM06-2S\\_99\\_c-dtm06-2s-99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM06-2S\\_99\\_c-dtm06-2s-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**

**Engineering Report**

English

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**Agency Approvals**

**UL Report**

English