

# DTM06-2S-P006 ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM06-2S-P006

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

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



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

Number of Positions: **2**

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

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

Sealable: **Yes**

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

## Features

### Product Type Features

Connector System	Component-to-Wire
Connector & Housing Type	Housing for Female 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
Connector Modification	Terminating Resistor, J1939



### Housing Features

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

### Contact Features

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

### Body Features

Primary Product Color	Gray
Connector & Keying Code	A
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	Yes
Mating Alignment Type	Keyed
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 with Exemptions
EU ELV Compliance	Compliant with Exemptions
Serviceable	No

### Dimensions



Compatible Insulation Diameter Range	1.35 – 3.05 mm [.053 – .12 in]
Product Width	14.45 mm [.569 in]
Product Length	29.08 mm [1.145 in]
Connector Height	12.9 mm [.508 in]

### Industry Standards

IP Rating	IP6K9K, IP68
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	20mm Flame Test per Standard UL-94

### Packaging Features

Packaging Quantity	1000
Packaging Method	Box

### Product Compliance

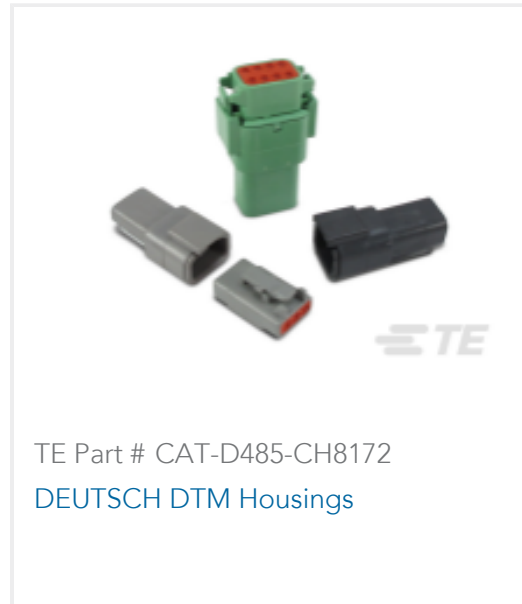
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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: Pb (1.2% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. 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

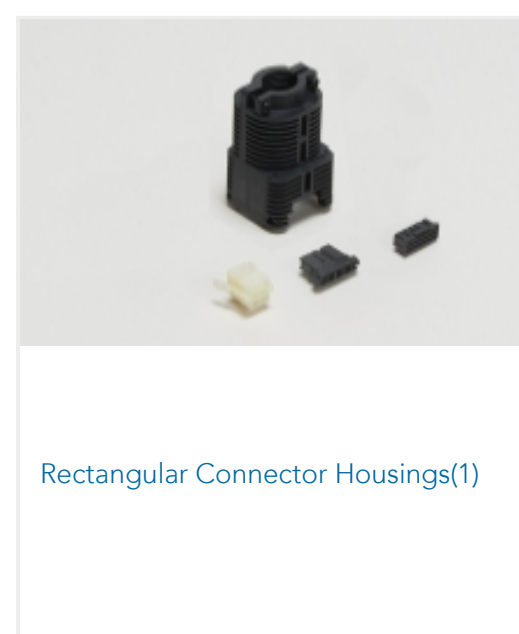
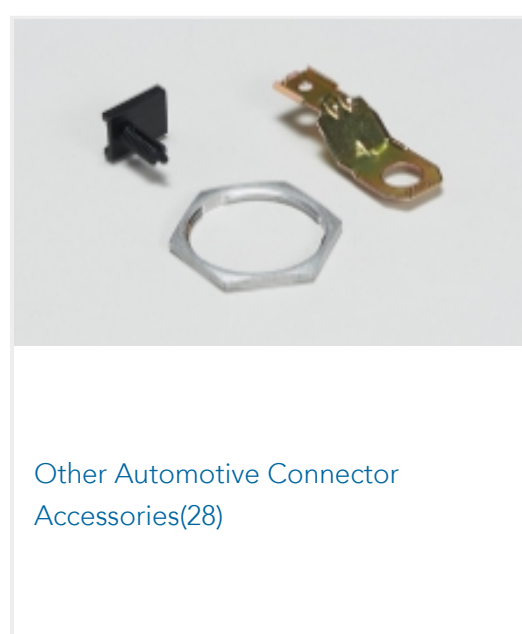
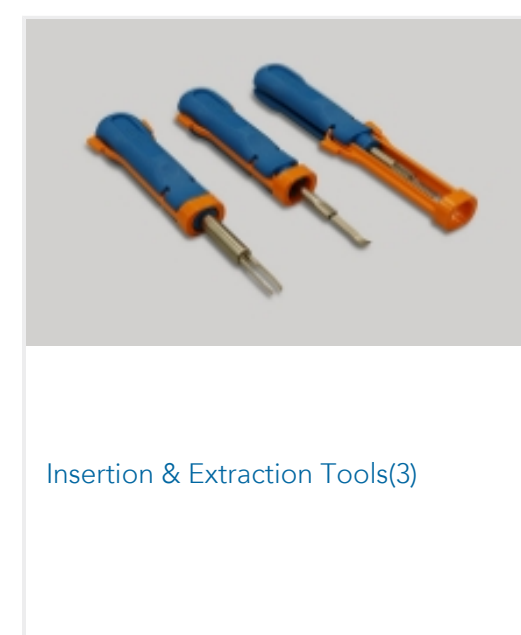
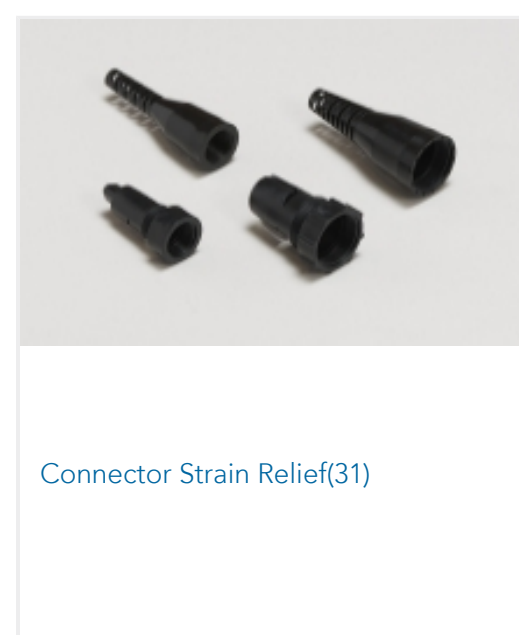
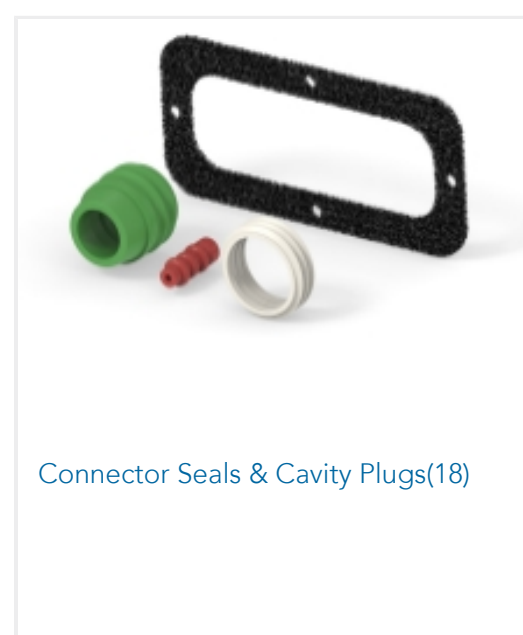
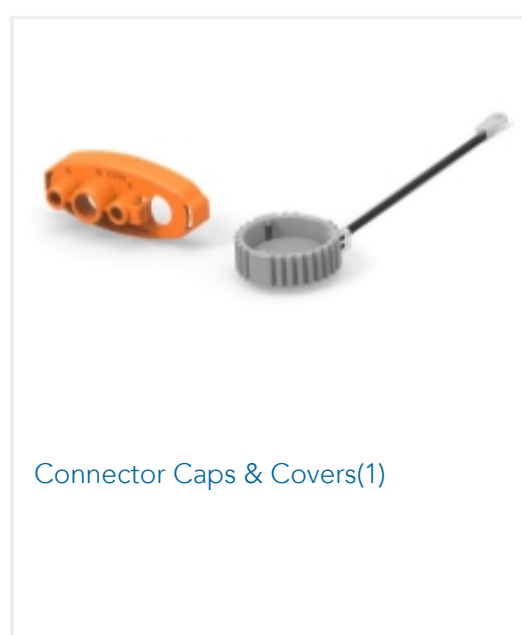
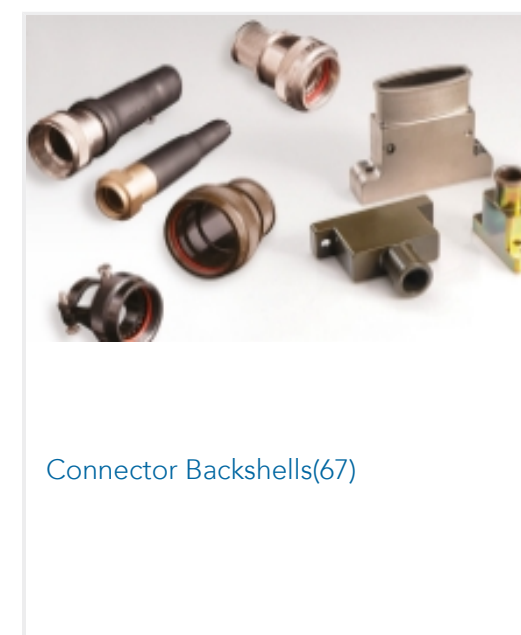
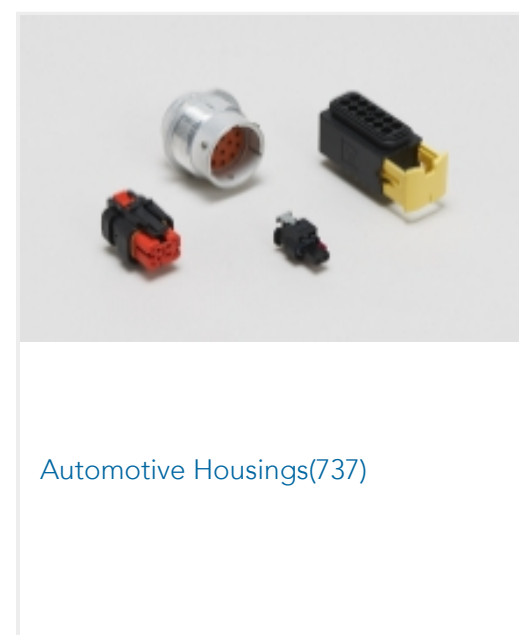
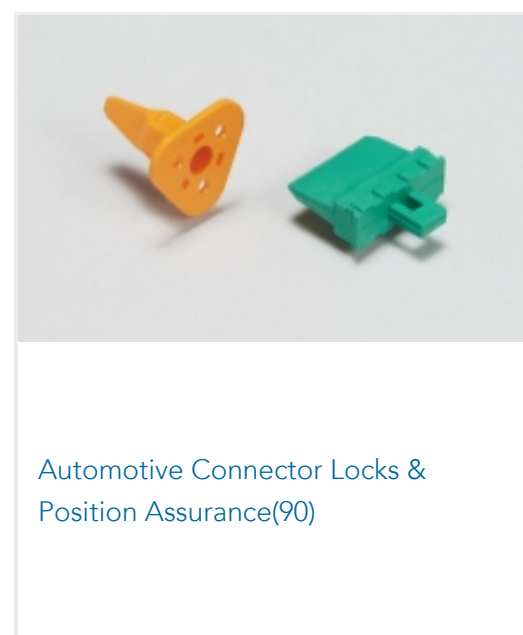
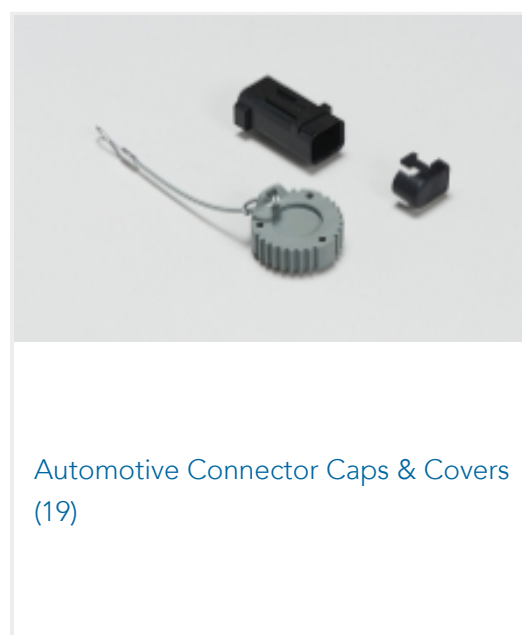
#### Product Compliance Disclaimer

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



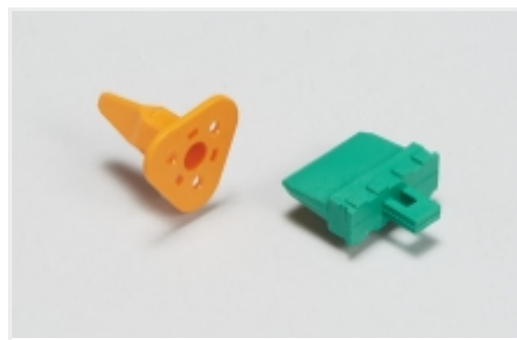
## Also in the Series | DEUTSCH DT



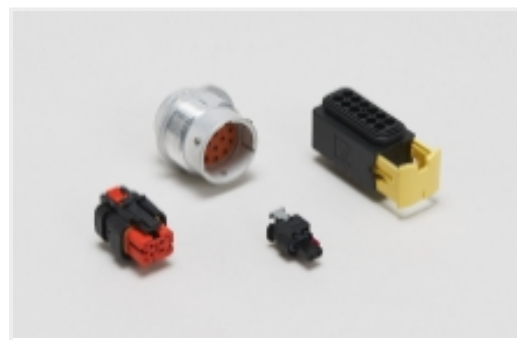
## Also in the Series | DEUTSCH DTM



Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance (26)



Automotive Housings (109)



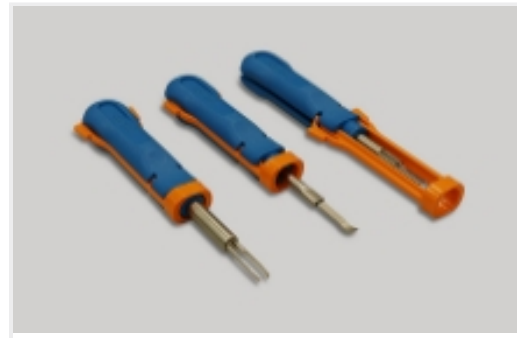
Connector Backshells (7)



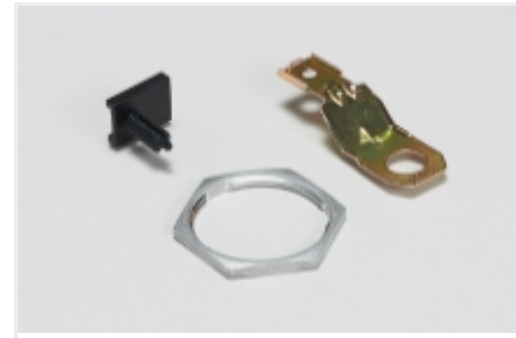
Connector Seals & Cavity Plugs (1)



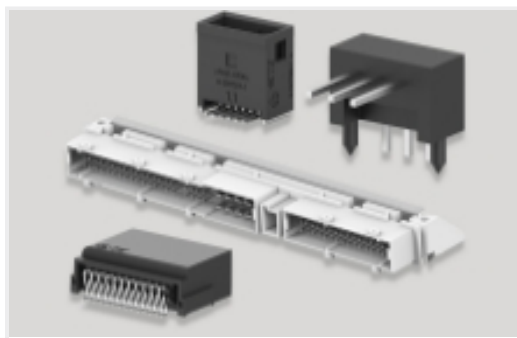
Connector Strain Relief (28)



Insertion & Extraction Tools (2)



Other Automotive Connector Accessories (7)



PCB Headers & Receptacles (38)

## Customers Also Bought



TE Part #DTM06-2S  
DEUTSCH DTM Housings



TE Part #WM-2P  
DEUTSCH DTM Wedgelocks



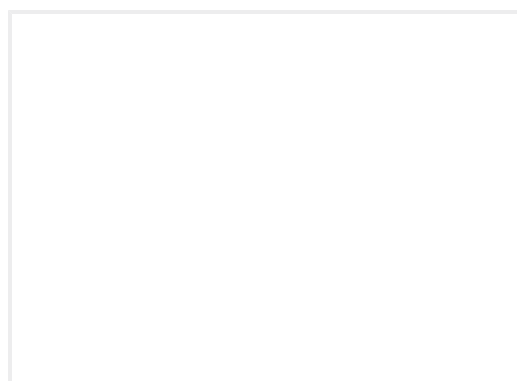
TE Part #1823444-2  
ADAPTER, FOR A-PILLAR, ASSY



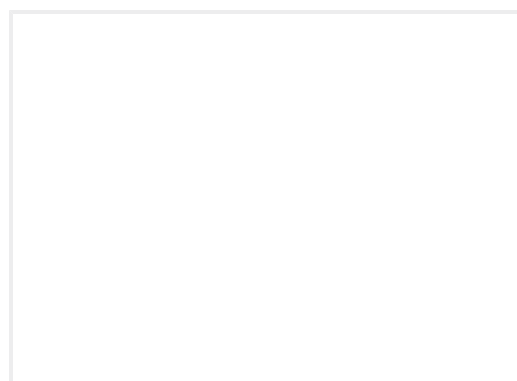
TE Part #2112045-3  
SLIDE, FOR 26POS TAB HSG



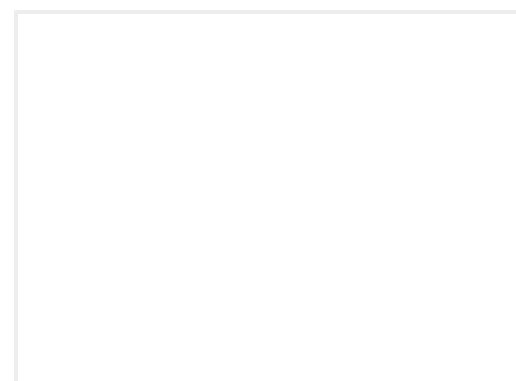
TE Part #K1011766  
Relay 29-214-11



TE Part #1394684-1  
LEVEL FOR 62P



TE Part #1062-12-0166-PS  
SOC, SF, SIZE 12, 12-14, NI/SN, 100 PC



TE Part #185695-1  
HOLDER GUIDE FOR RELAYS

## Documents



### Product Drawings

[PLG, 2P, GRY, 120 OHM RESISTOR, AU, A](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM06-2S-P006\\_99.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM06-2S-P006\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM06-2S-P006\\_99.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

[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