# DTM04-6P ✔ ACTIVE

**DEUTSCH** | **DEUTSCH DT**, **DEUTSCH DTM**

TE Internal #: DTM04-6P

6 Position Housing, Housing for Male Terminals, Wire-to-Wire, 3.81 mm [.15 in] Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

**View on TE.com >**

Number of Positions:   **6**

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

Mating Pin Diameter:   **1 mm [ .04 in ]**

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

Centerline (Pitch):   **3.81 mm [ .15 in ]**

**All DEUTSCH DTM Housings (113)**

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Male 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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**TE** connectivity

| 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 | Pin |
| Mating Pin Diameter | 1 mm[.04 in] |
| Contact Current Rating (Max) | 7.5 A |

## Mechanical Attachment

| Strain Relief | Without |
|---|---|
| Terminal Position Assurance | Yes |
| Mating Alignment Type | Polarization |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| Housing Material | Plastic |
|---|---|
| Centerline (Pitch) | 3.81 mm[.15 in] |

## Dimensions

| Row-to-Row Spacing | 7.11 mm[.28 in] |
|---|---|
| Compatible Insulation Diameter Range | 1.35 – 3.05 mm[.053 – .12 in] |
| Product Width | 19.2 mm[.756 in] |
| Product Length | 23.8 mm[.937 in] |
| Connector Height | 44.9 mm[1.77 in] |

## Usage Conditions

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

## Operation/Application

| Circuit Application | Power |
|---|---|

## Industry Standards

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

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| UL Flammability Rating | UL 94V-0 |
|---|---|

## 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 | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)<br>Decamethylcyclopentasiloxane (D5) (.5% in 27519360989)<br>Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)<br>**Article Safe Usage Statements:**<br>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

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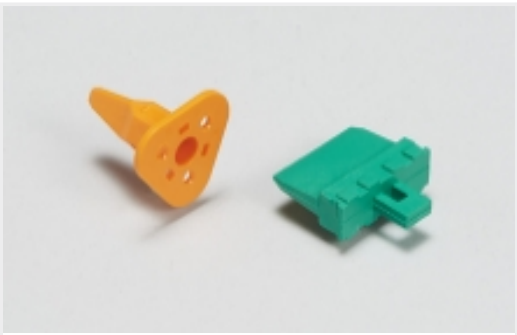Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

## Compatible Parts

TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts

TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

TE Part # 1060-20-0244
PIN, SF, SIZE 20, 16-22, AU/SN

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

TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part # 1060-20-0222
PIN, SF, SIZE 20, 16-22, NI/NI

TE Part # CAT-D485-CH8172
DEUTSCH DTM Housings

TE Part # DTM6P-BT
BOOT, 6P, REC, ST, GRY

TE Part # CAT-D485-W416
DEUTSCH DTM Wedgelocks

TE Part # 1060-20-0144
PIN, SF, SIZE 20, 16-22, AU/SN

TE Part # 1060-20-0622
PIN, SF, SIZE 20, 14-16, NI/NI

TE Part # CAT-D485-B128
Backshells, DEUTSCH DTM

TE Part # CAT-D487-M8649
DEUTSCH DT Mounting Clips

TE Part # 1060-20-0277
PIN, SF, SIZE 20, 16-22, SN/SN

TE Part # 1060-20-0177
PIN, SF, SIZE 20, 16-22, SN/SN

TE Part # 1010-038-0606
SEAL, INTF, 6P, RED-ORG, DTM

TE Part # 1011-047-0605
SEAL RET, 6P, GRY, DTM

## Also in the Series | DEUTSCH DT

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Automotive Connector Locks & Position Assurance(26)



Automotive Housings(109)
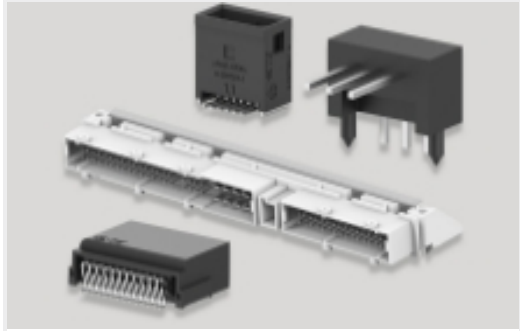


Connector Caps & Covers(1)



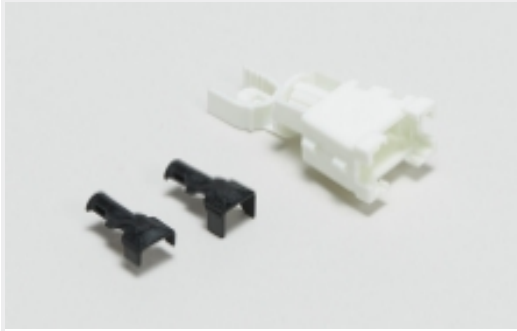Connector Seals & Cavity Plugs(1)
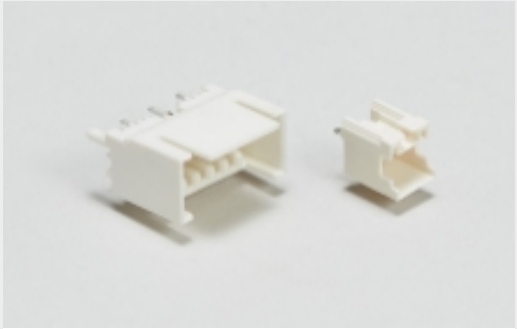


Connector Strain Relief(28)



Other Automotive Connector Accessories(7)
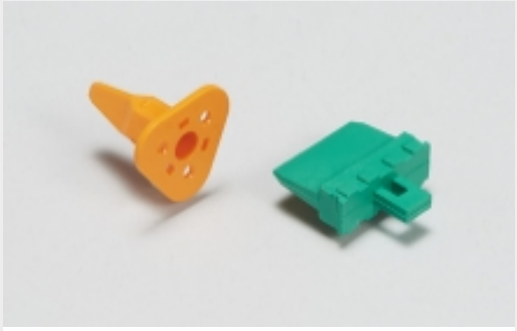


PCB Headers & Receptacles(38)



Rectangular Backshells & Clamps(1)



Wire-to-Board Headers & Receptacles (38)

## Also in the Series | DEUTSCH DTM



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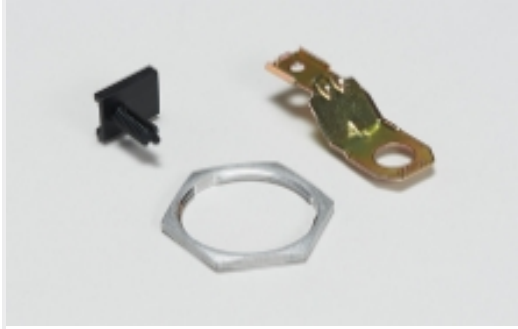


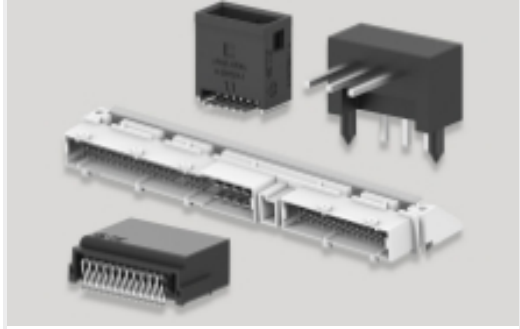Automotive Headers(38)



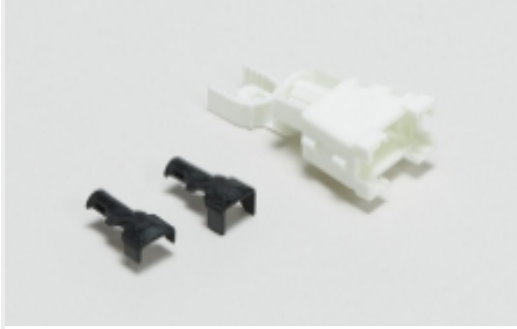Automotive Housings(109)



Connector Seals & Cavity Plugs(1)
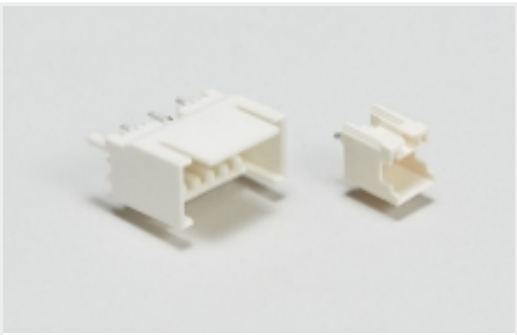


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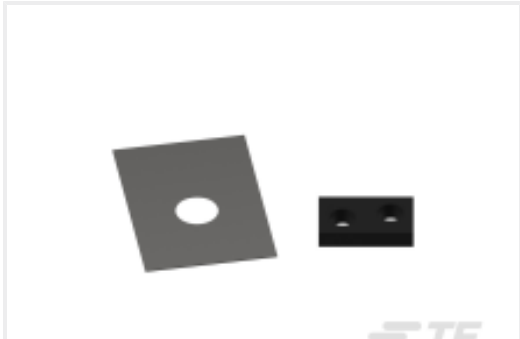
Wire-to-Board Headers & Receptacles (38)

## Customers Also Bought

TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings

TE Part #CAT-D485-W416
DEUTSCH DTM Wedgelocks

TE Part #1-238011-6
SPACER, BLOCK-CRIMPER (.069)

## Documents

### Product Drawings
REC, 6P, GRY, N

English

### CAD Files
3D PDF

3D

**Customer View Model**

ENG_CVM_CVM_DTM04-6P_99_c-dtm04-6p-99.2d_dxf.zip

English

**Customer View Model**

ENG_CVM_CVM_DTM04-6P_99_c-dtm04-6p-99.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_DTM04-6P_99_c-dtm04-6p-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

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## Product Specifications

### Engineering Report

English

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## Agency Approvals

### UL Report

English