



Connectors > Automotive Connectors > Connector Housings > DEUTSCH DTM HOUSINGS



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

Mating Pin Diameter: **1.02 mm [ .04 in ]**

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

Number of Positions: **4**

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

[All DEUTSCH DTM HOUSINGS \(86\)](#)

Features

Product Type Features

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

Configuration Features

|                       |   |
|-----------------------|---|
| Blank Cavity Position | 0 |
| Number of Positions   | 4 |
| Number of Rows        | 2 |

Electrical Characteristics

|                              |                  |
|------------------------------|------------------|
| Operating Voltage            | 250 VAC          |
| Nominal Voltage Architecture | 12 V, 24 V, 48 V |

Body Features

|                  |       |
|------------------|-------|
| Cable Exit Angle | 180°  |
| Body Material    | PA GF |



|                       |      |
|-----------------------|------|
| Primary Product Color | Gray |
|-----------------------|------|

Contact Features

|                              |                 |
|------------------------------|-----------------|
| Mating Pin Diameter          | 1.02 mm[.04 in] |
| Contact Current Rating (Max) | 7.5 A           |

Mechanical Attachment

|                             |                  |
|-----------------------------|------------------|
| Mounting Feature            | Without          |
| Terminal Position Assurance | Yes              |
| Strain Relief               | Add By Accessory |
| Mating Alignment Type       | Polarized        |

Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 4.19 mm[.165 in] |
|--------------------|------------------|

Dimensions

|                                        |                               |
|----------------------------------------|-------------------------------|
| Product Width                          | 15.24 mm[.6 in]               |
| Product Length                         | 30.1 mm[1.185 in]             |
| Product Height                         | 17.65 mm[.685 in]             |
| Row-to-Row Spacing                     | 7.11 mm[.28 in]               |
| Accepts Wire Insulation Diameter Range | 1.35 – 3.05 mm[.053 – .12 in] |

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                        |                                    |
|------------------------|------------------------------------|
| Agency/Standard        | SAE J2030                          |
| Degree of Protection   | IP68, IP6K9K                       |
| UL Flammability Rating | 20mm Flame Test per Standard UL-94 |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1600 |
| 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: JUN 2020 (209)<br>Candidate List Declared Against: JUN 2020 (209)<br>Does not contain REACH SVHC |
| 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



TE Part # CAT-D485-CH8172  
DEUTSCH DTM HOUSINGS



TE Part # CAT-D48-SFT273  
DEUTSCH STAMPED & FORMED CONTACTS



TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



TE Part # CAT-D485-W416  
DEUTSCH DTM WEDGELOCKS



TE Part # CAT-D48-SP729  
DEUTSCH SEALING PLUGS

TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE

TE Part # CAT-D485-B128  
DEUTSCH DTM BACKSHELLS

TE Part # DTM4S-BT  
BOOT, 4P, PLG, ST, GRY

TE Part # DTM4S-BT-BK  
BOOT, 4P, PLG, ST, BLK

Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers  
(71)

Automotive Connector Locks &  
Position Assurance(62)

Automotive Headers(83)

Automotive Housings(563)

Automotive Seals & Cavity Plugs(4)

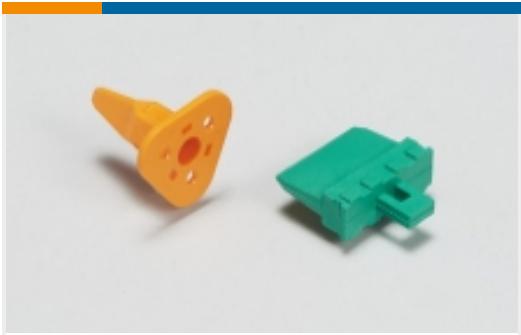
Insertion & Extraction Tools(7)

Other Automotive Connector  
Accessories(13)

Also in the Series | DEUTSCH DTM



Automotive Connector Caps & Covers  
(16)



Automotive Connector Locks &  
Position Assurance(15)



Automotive Headers(29)



Automotive Housings(89)



Insertion & Extraction Tools(3)

## Customers Also Bought



TE Part #DTM04-4P  
DEUTSCH DTM HOUSINGS



TE Part #0462-201-20141  
DEUTSCH SOLID CONTACTS



TE Part #WM-4P  
DEUTSCH DTM WEDGELOCKS



TE Part #0413-204-2005  
DEUTSCH SEALING PLUGS



TE Part #1060-20-0122  
DEUTSCH STAMPED & FORMED  
CONTACTS

## Documents

### Product Drawings

PLG, 4P, GRY, N

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DTM06-4S\_99.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM06-4S\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM06-4S\\_99.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

CONNECTOR SELECTOR

English

Product Specifications

[Engineering Report](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

Product Compliance

English