

# DTM04-2P-EE03 ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM04-2P-EE03

12 V / 24 V / 48 V, 2 Position, Automotive Housing for Male  
Terminals, Wire-to-Wire, 3.81 mm [.15 in] Centerline, Sealable,  
Black, Hybrid

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Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



Nominal Voltage Architecture: 12 V, 24 V, 48 V

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

Number of Positions: 2

Sealable: **Yes**

Operating Temperature Range: -55 – 125 °C [ -67 – 257 °F ]

[All DEUTSCH DTM Housings \(103\)](#)

## Features

### Product Type Features

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

### Configuration Features

Blank Cavity Position	0
Connector Modification	Shrink Boot Adapter
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	Black

### 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	PA 66 GF15
Centerline (Pitch)	3.81 mm[.15 in]

### Dimensions

Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]
Product Width	16.2 mm[.638 in]
Product Length	16.5 mm[.649 in]
Connector Height	50.9 mm[2 in]

### Usage Conditions

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

### Operation/Application

Circuit Application	Power
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### Industry Standards

IP Rating	IP68, IP6K9K
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Compatible With Agency/Standards Products	SAE J2030
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1
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Packaging Method	Box
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### Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250)  Candidate List Declared Against: JUNE 2025 (250)  SVHC &gt; Threshold:  Decamethylcyclopentasiloxane (D5) (.5% in 27519360988)  Octamethylcyclotetrasiloxane (D4) (.5% in 27519632267)  Dodecamethylcyclohexasiloxane (D6) (.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>
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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#### 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-D48-ST273  
DEUTSCH Connector Solid Contacts



TE Part # CAT-D485-CH8172  
DEUTSCH DTM Housings



TE Part # CAT-D485-W416  
DEUTSCH DTM Wedgelocks



TE Part # 1028-021-0205  
BKSHL, 2P, BLK, REC, ST, NW 7.5/8.5



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



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



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16



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

## Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (62)



Other Automotive Connector Accessories(8)



Rectangular Connector Housings(1)

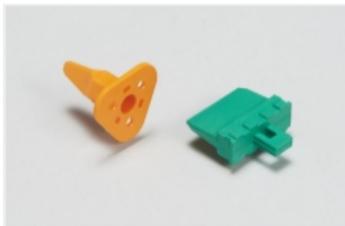


Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(1)

### Also in the Series | DEUTSCH DTM



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(124)



Automotive Seals & Cavity Plugs(2)



Other Automotive Connector Accessories(8)

### Customers Also Bought



TE Part #K1144588  
Battery Disconnecter 35-210-140-R



TE Part #CAT-D485-CH8172  
DEUTSCH DTM Housings



TE Part #CAT-D485-W416  
DEUTSCH DTM Wedgelocks



TE Part #CAT-D799-CH8172  
DEUTSCH DRC Housings



TE Part #746611-8  
14 DIP PLUG CONN-W/COVER



TE Part #NMOHPCFSMAM518  
MOUNT,BMM,3/4,58A,SMAM

### Documents

[Product Drawings](#)  
[REC, 2P, BLK, N, XCAP](#)

English

[CAD Files](#)  
[3D PDF](#)

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_DTM04-2P-EE03\\_1.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_DTM04-2P-EE03\\_1.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_DTM04-2P-EE03\\_1.3d\\_stp.zip](#)

English

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## Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

## Product Specifications

[Application Specification](#)

English

## Agency Approvals

[UL Report](#)

English