

# DTM04-12PA ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM04-12PA

Hybrid, Housing for Male Terminals, Wire-to-Wire, 12 Position, 4.19 mm [.165in] Centerline, Sealable, Gray, Wire & Cable

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH DTM HOUSINGS



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

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

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

Number of Positions: **12**

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

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

## Features

### Product Type Features

Connector & Housing Type	Housing for Male 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	12
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
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Connector Code	A
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### Contact Features

Mating Pin Diameter	1.02 mm[.04 in]
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Contact Current Rating (Max)	7.5 A
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### Mechanical Attachment

Mounting Feature	With
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Terminal Position Assurance	Yes
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Strain Relief	Add By Accessory
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Mating Alignment Type	Polarized
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Connector Mounting Type	Cable Mount (Free-Hanging), Fixing Screw
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### Housing Features

Centerline (Pitch)	4.19 mm[.165 in]
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### Dimensions

Product Width	20.22 mm[.796 in]
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Product Length	43.69 mm[1.72 in]
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Product Height	40.01 mm[1.575 in]
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Row-to-Row Spacing	7.11 mm[.28 in]
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Accepts Wire Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]
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### Usage Conditions

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

Circuit Application	Power & Signal
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### Industry Standards

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

Packaging Quantity	350
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Packaging Method	Box
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### 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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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-W416  
DEUTSCH DTM WEDGELOCKS

TE Part # CAT-D487-M8649  
DEUTSCH DT MOUNTING CLIPS

TE Part # 1011-053-1205  
SEAL RET, 12P, BLK, DTM, B

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

TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16

TE Part # 1028-034-1205  
BKSHL, 12P, BLK, REC, ST, NW 13/17

TE Part # DTM12P-DC  
PROTECT CVR, 12P, REC, GRY, DTM

TE Part # 1010-042-1206  
SEAL, INTF, 12P, RED-ORG, DTM

TE Part # DTM12P-BT  
BOOT, 12P, REC, ST, GRY

TE Part # DTM12P-BT-BK  
BOOT, 12P, REC, 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)

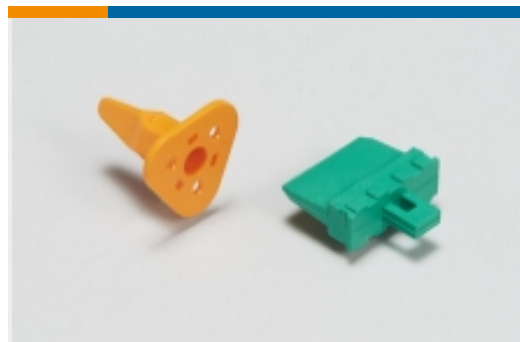
Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(14)

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(2)

## Customers Also Bought



TE Part #DTM04-12PB  
DEUTSCH DTM HOUSINGS



TE Part #WM-12P  
DEUTSCH DTM WEDGELOCKS



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



TE Part #2266574-1  
OCEAN\_2.0\_Applicator-S-062F



TE Part #7-2266574-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-062F

## Documents

**Product Drawings**  
REC, 12P, GRY, N, A

English

### CAD Files

Customer View Model  
ENG\_CVM\_CVM\_DTM04-12PA\_99.2d\_dxf.zip

English

3D PDF



3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_DTM04-12PA\\_99.3d\\_igs.zip](#)

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**Customer View Model**

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English

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### Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

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### Product Specifications

[Engineering Report](#)

English

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### Product Environmental Compliance

[MD\\_DTM04-12PA\\_03222018522\\_dmtec](#)

English

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