

DTM04-2P-E007 ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

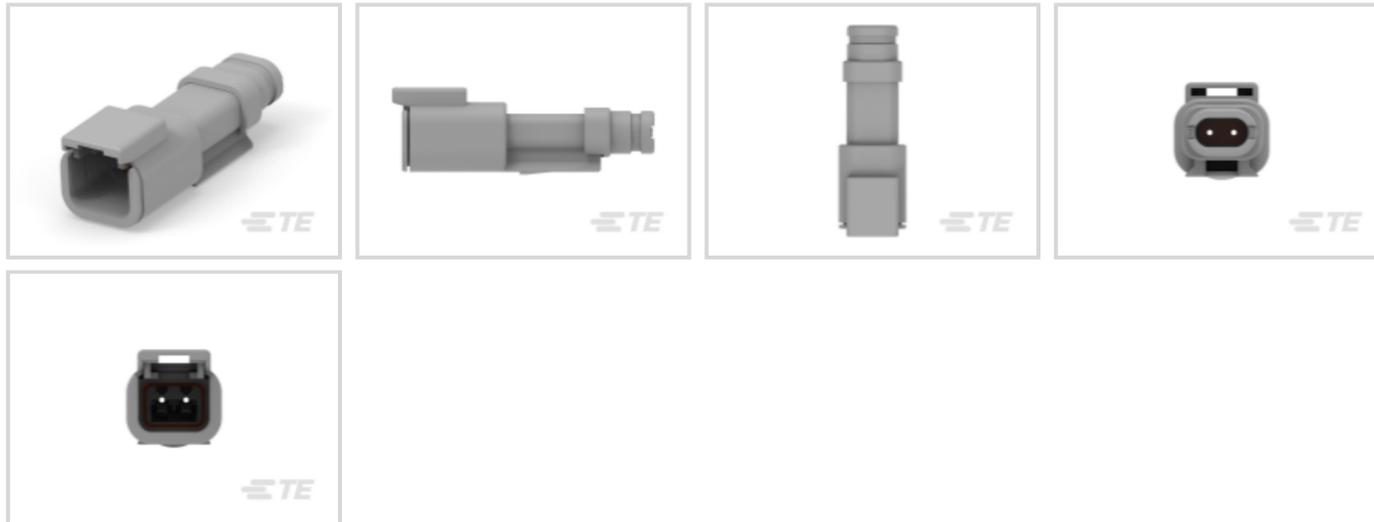
TE Internal #: DTM04-2P-E007

12 V / 24 V / 48 V, 2 Position, Automotive Housing for Male
Terminals, Wire-to-Wire, 3.81 mm [.15 in] Centerline, Sealable,
Gray, Wire & Cable, 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	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	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	Package
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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)</p> <p>Candidate List Declared Against: JUNE 2025 (250)</p> <p>SVHC > Threshold:</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in 27519632267)</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in 27519632267)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in 27519632267)</p> <p>Article Safe Usage Statements: 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-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 # 1028-021-0205
BKSHL, 2P, BLK, REC, ST, NW 7.5/8.5



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

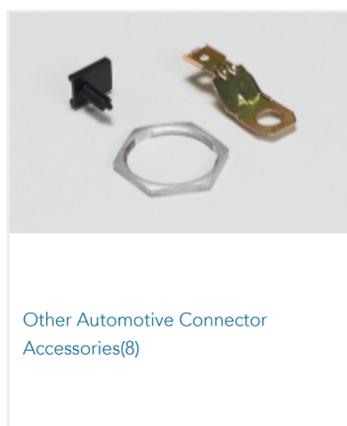


TE Part # CAT-D487-M8649
DEUTSCH DT Mounting Clips

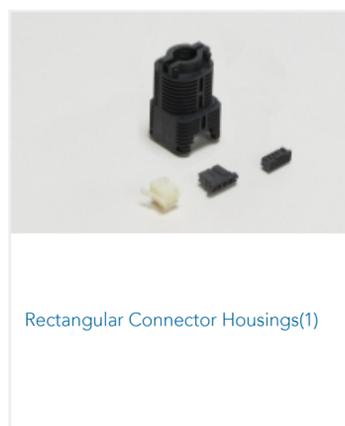
Also in the Series | DEUTSCH DT



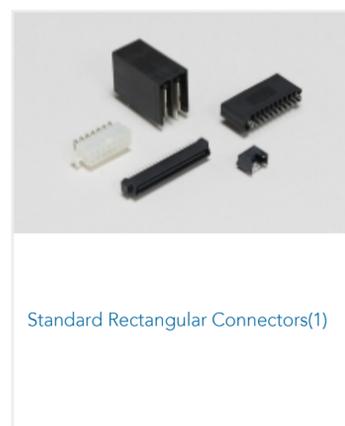
Automotive Connector Caps & Covers
(62)



Other Automotive Connector
Accessories(8)



Rectangular Connector Housings(1)

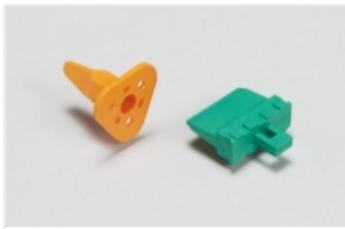


Standard Rectangular Connectors(1)



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 #CAT-D485-CH8172
DEUTSCH DTM HousingsTE Part #CAT-D485-W416
DEUTSCH DTM WedgelocksTE Part #CAT-J41-DDPC
DEUTSCH DT Plug ConnectorsTE Part #DT04-4P-E008
REC, 4P, GRY, N, XCAPTE Part #9-2176312-2
RP 1E 0.1W 110K 0.1% 25PPM 1K RLTE Part #2-2213766-1
AV19 SPL 3A POWER LED WHITE 12V

Documents

Product Drawings

REC, 2P, GRY, N, XCAP

English

CAD Files

Customer View Model

ENG_CVM_CVM_DTM04-2P-E007_99.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DTM04-2P-E007_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM04-2P-E007_99.3d_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