

DTM04-2P-E007

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

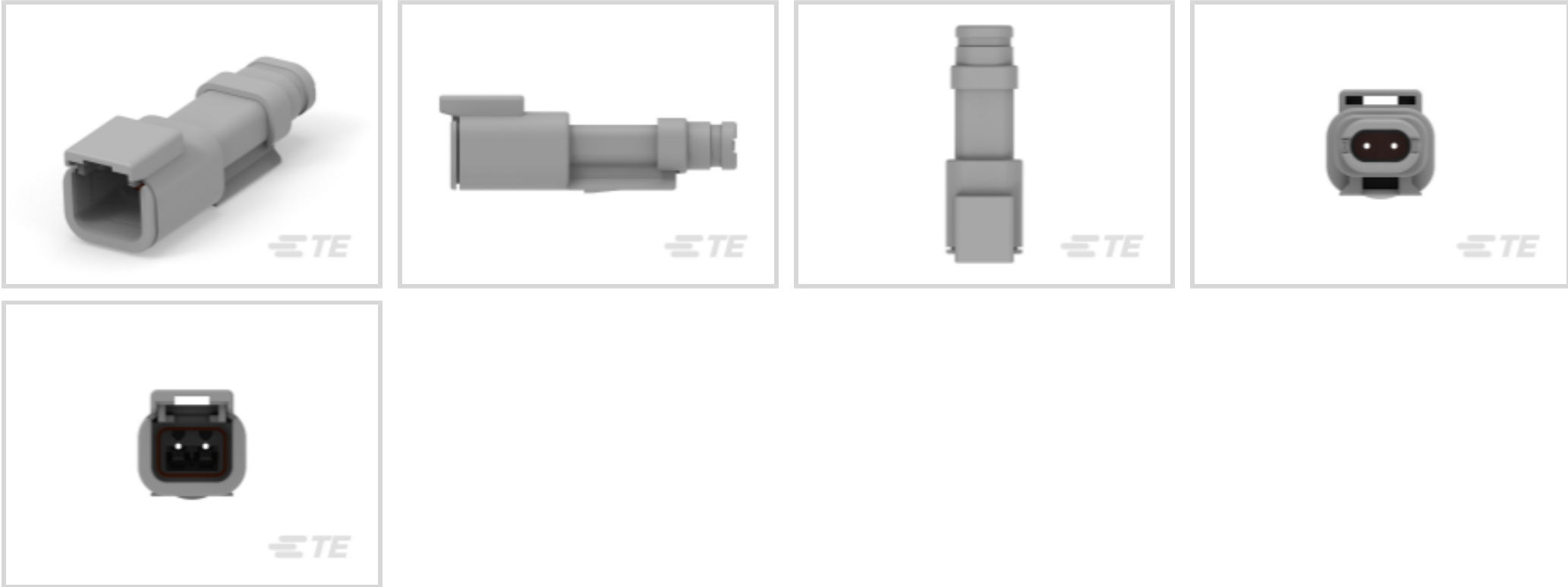
TE Internal #: DTM04-2P-E007

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

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



Number of Positions: 2

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
Connector Modification	Shrink Boot Adapter
Number of Positions	2
Number of Rows	1

Electrical Characteristics



Operating Voltage	250 VDC
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Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Gray
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Contact Features

Contact Size	Size 20
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Contact Type	Pin
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Mating Pin Diameter	1 mm[.04 in]
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Contact Current Rating (Max)	7.5 A
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Mechanical Attachment

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

Housing Material	PA 66 GF15
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Centerline (Pitch)	3.81 mm[.15 in]
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Dimensions

Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]
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Product Width	16.2 mm[.638 in]
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Product Length	16.5 mm[.649 in]
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Connector Height	50.9 mm[2 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
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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
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) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27519632267) Decamethylcyclopentasiloxane (D5) (.5% in 27519360988) Octamethylcyclotetrasiloxane (D4) (.5% in 27519632267) <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.
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>



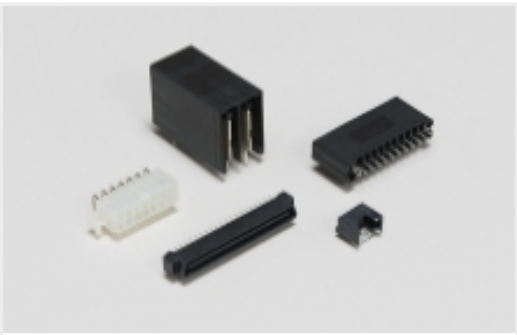
Compatible Parts

 <p>TE Part # CAT-D48-SFT273 DEUTSCH Stamped and Formed Contacts</p>	 <p>TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs</p>	 <p>TE Part # 1924487-2 MOUNTING CLIP, AMPSEAL 16</p>	 <p>TE Part # DT-RT1 EXT TOOL, FRONT RELEASE</p>
 <p>TE Part # CAT-D487-M8649 DEUTSCH DT Mounting Clips</p>	 <p>TE Part # 1060-20-0277 PIN, SF, SIZE 20, 16-22, SN/SN</p>	 <p>TE Part # 1060-20-0177 PIN, SF, SIZE 20, 16-22, SN/SN</p>	 <p>TE Part # 1060-20-0244 PIN, SF, SIZE 20, 16-22, AU/SN</p>
 <p>TE Part # 1060-20-0122 PIN, SF, SIZE 20, 16-22, NI/NI</p>	 <p>TE Part # CAT-D485-CH8172 DEUTSCH DTM Housings</p>	 <p>TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts</p>	 <p>TE Part # 1060-20-0222 PIN, SF, SIZE 20, 16-22, NI/NI</p>
 <p>TE Part # CAT-D485-W416 DEUTSCH DTM Wedgelocks</p>	 <p>TE Part # 1060-20-0144 PIN, SF, SIZE 20, 16-22, AU/SN</p>	 <p>TE Part # 1060-20-0622 PIN, SF, SIZE 20, 14-16, NI/NI</p>	 <p>TE Part # 1028-021-0205 BKSHL, 2P, BLK, REC, ST, NW 7.5/8.5</p>

Also in the Series | DEUTSCH DT

 <p>Automotive Connector Caps &amp; Covers (7)</p>	 <p>Connector Caps &amp; Covers(1)</p>	 <p>Rectangular Connector Housings(1)</p>	 <p>Rectangular Power Connectors(77)</p>
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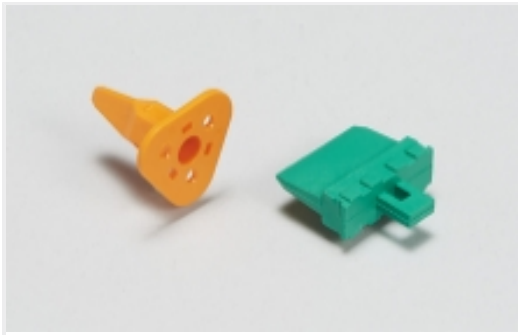


Standard Rectangular Connectors(1)

Also in the Series | **DEUTSCH DTM**



Automotive Connector Caps & Covers (7)



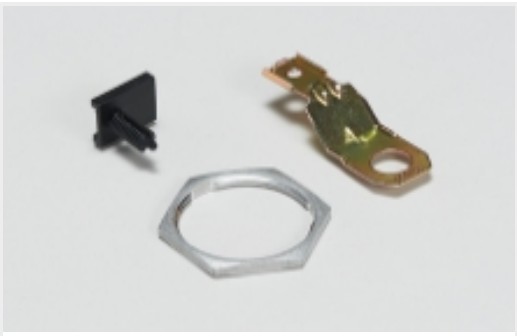
Automotive Connector Locks & Position Assurance(26)



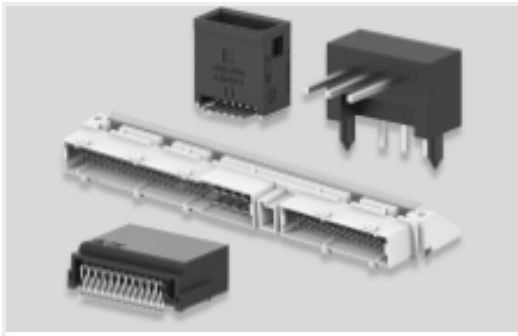
Automotive Housings(109)



Connector Strain Relief(28)



Other Automotive Connector Accessories(7)

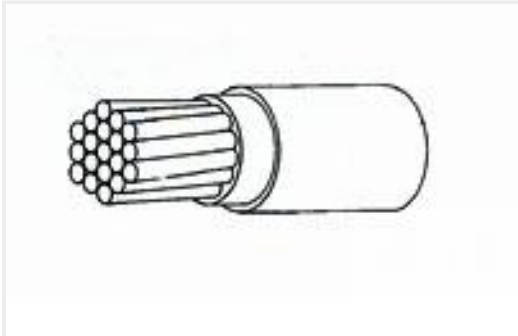


PCB Headers & Receptacles(38)

Customers Also Bought



TE Part #34830  
TERMINAL,BUDG R 16-14HD



TE Part #218001-006  
55A0811-22-9



TE Part #1060-20-0244-PS  
PIN, SF, SIZE 20, 16-22, AU/SN, 100 PC



TE Part #1062-20-0244-PS  
SOC, SF, SIZE 20, 16-22, AU/SN, 100 PC



TE Part #DTM06-6S-E007  
PLG, 6P, GRY, N, XCAP



TE Part #DT04-2P-E008  
REC, 2P, GRY, N, XCAP



TE Part #CAT-D485-W416  
DEUTSCH DTM Wedgelocks



TE Part #1027-005-1200  
CLIP, SS, 13MM HOLE, ST



TE Part #3-2176391-3  
[RQ 1206 26K7 0.1% 10PPM 5K RL](#)

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](#)

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