

DTP04-2P-E003

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTP

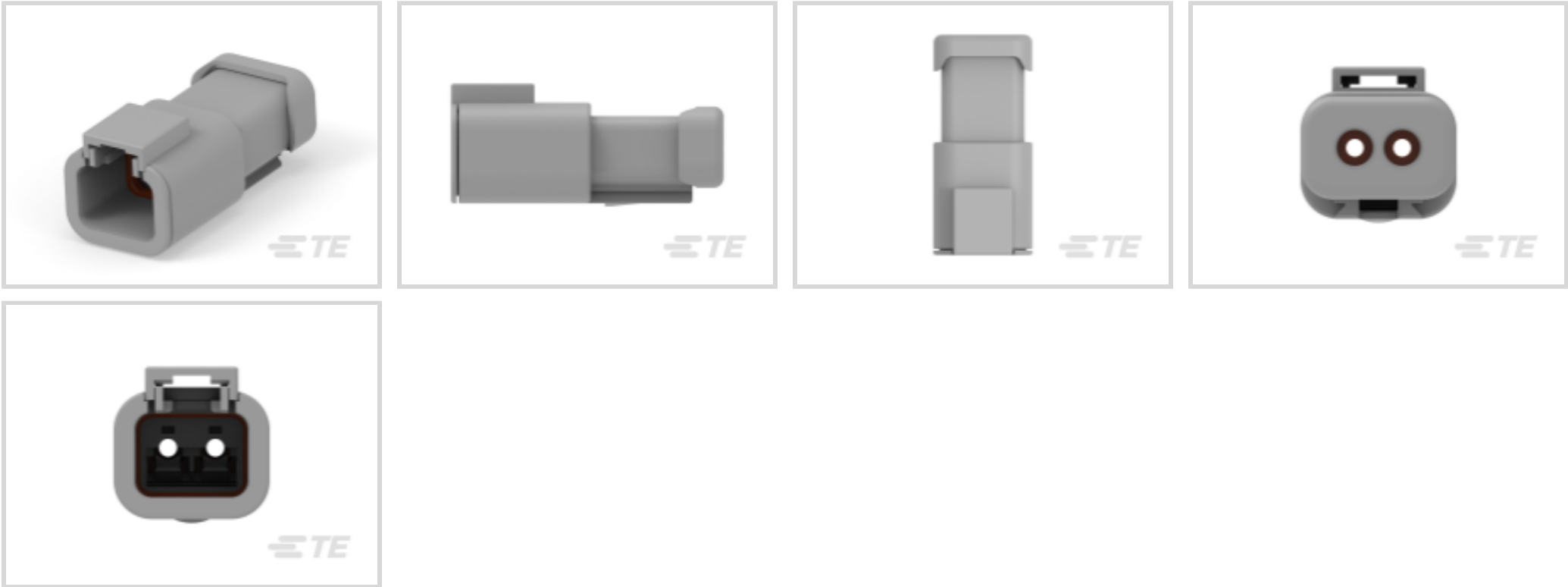
TE Internal #: DTP04-2P-E003

2 Position Housing, Housing for Male Terminals, Wire-to-Wire, 6.71 mm [.264 in] Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTP Housings



Number of Positions: 2

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

Mating Pin Diameter: 2.4 mm [.094 in]

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

Centerline (Pitch): 6.71 mm [.264 in]

[All DEUTSCH DTP Housings \(34\)](#)

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 | End Cap |
| Connector Seal Code    | N Seal  |
| Number of Positions    | 2       |
| Number of Rows         | 1       |



Electrical Characteristics

|                              |            |
|------------------------------|------------|
| Operating Voltage            | 200 VDC    |
| Nominal Voltage Architecture | 12 V, 24 V |

Body Features

|                       |      |
|-----------------------|------|
| Cable Exit Angle      | 180° |
| Primary Product Color | Gray |

Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Size                 | Size 12         |
| Contact Type                 | Pin             |
| Mating Pin Diameter          | 2.4 mm[.094 in] |
| Contact Current Rating (Max) | 25 A            |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Strain Relief               | Without                    |
| Terminal Position Assurance | No                         |
| Mating Alignment Type       | Polarization               |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | PA GF            |
| Centerline (Pitch) | 6.71 mm[.264 in] |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 3.4 – 4.3 mm[.134 – .169 in] |
| Product Width                        | 21.5 mm[.846 in]             |
| Product Length                       | 22.1 mm[.87 in]              |
| Connector Height                     | 49 mm[1.93 in]               |

Usage Conditions

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

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|  |  |
|--|--|
|  |  |
|--|--|



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

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)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)<br>Decamethylcyclopentasiloxane (D5) (.5% in Component Part)<br>Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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



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



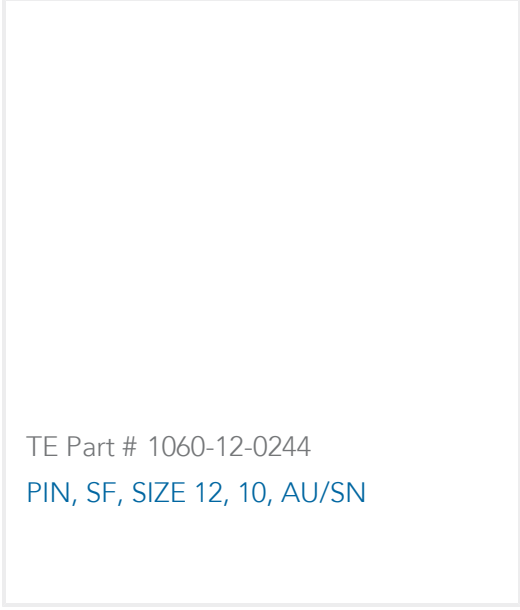
TE Part # 1060-12-0222  
PIN, SF, SIZE 12, 10, NI/NI



TE Part # WP-2P  
WEDGE LOCK, 2P, REC, ORG, DTP



TE Part # 1011-120-0205  
SEAL RET, 2P, GRY, DTP



TE Part # 1060-12-0244  
PIN, SF, SIZE 12, 10, AU/SN



TE Part # 1060-12-0144  
PIN, SF, SIZE 12, 12-14, AU/SN



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part # 1010-079-0206  
SEAL, INTF, 2P, RED-ORG, DTP



TE Part # CAT-D486-CH8172  
DEUTSCH DTP Housings



TE Part # 1060-12-0166  
PIN, SF, SIZE 12, 12-14, NI/SN

Also in the Series | **DEUTSCH DT**



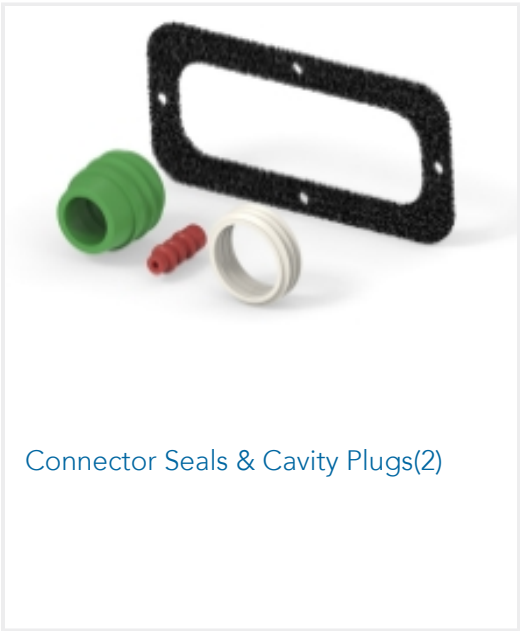
Automotive Connector Locks & Position Assurance(4)



Automotive Housings(34)



Connector Caps & Covers(1)



Connector Seals & Cavity Plugs(2)



Connector Strain Relief(31)



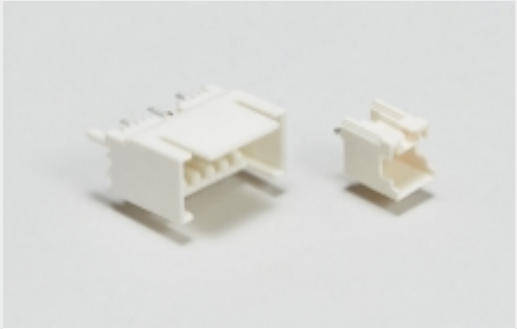
Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(5)

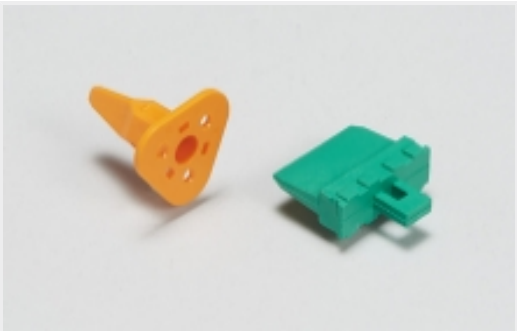


Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles (5)

Also in the Series | **DEUTSCH DTP**



Automotive Connector Locks & Position Assurance(4)



Automotive Headers(5)



Automotive Housings(34)



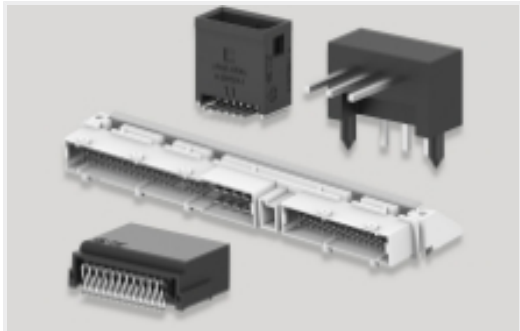
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(3)



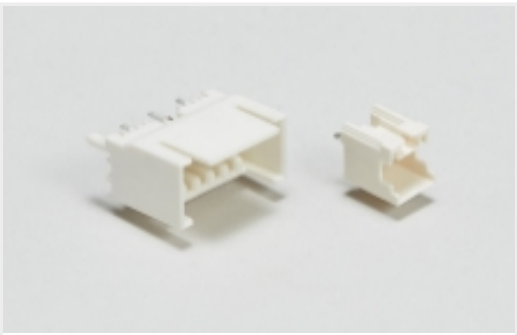
Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(5)



Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles  
(5)

Customers Also Bought



TE Part #HC5901  
BATT.POST CLAMP -VE MK.3



TE Part #HC5840D  
INTEGRAL BATT. POST. DOUBLE  
TAPER.



TE Part #HDP26-24-29SE-L015  
PLG, 29P, BLK, E, THD, 12/16/20, S



TE Part #HC5936  
BATTERY LEAD CONN. 70mm +VE



TE Part #CAT-D486-W416  
DEUTSCH DTP Wedgelocks



TE Part #HC5899  
BAT CONNECTOR POS8MM  
AUXILLARY MNT



TE Part #CAT-J41-DDPC  
DEUTSCH DT Plug Connectors



TE Part #DT04-2P-E005  
REC, 2P, BLK, N, CAP

Documents

Product Drawings

REC, 2P, GRY, N, CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DTP04-2P-E003\_99\_c-dtp04-2p-e003-99.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DTP04-2P-E003\_99\_c-dtp04-2p-e003-99.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DTP04-2P-E003\_99\_c-dtp04-2p-e003-99.3d\_stp.zip

English

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Engineering Report

English

Agency Approvals

UL Report

English