

DTP06-4S ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTP

TE Internal #: DTP06-4S

Housing for Female Terminals, Wire-to-Wire, 4 Position, .264 in [6.71 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, Hybrid

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH DTP HOUSINGS



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

Mating Pin Diameter: **2.39 mm [.094 in]**

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

Number of Positions: **4**

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

[All DEUTSCH DTP HOUSINGS \(33\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female 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	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	200 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180°
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Body Material	PA GF
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Primary Product Color	Gray
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Contact Features

Contact Size	Size 12
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Contact Type	Socket
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Mating Pin Diameter	2.39 mm [.094 in]
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Contact Current Rating (Max)	25 A
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Mechanical Attachment

Mounting Feature	Without
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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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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Product Width	22.05 mm [.868 in]
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Product Length	34.65 mm [1.364 in]
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Product Height	24.38 mm [.96 in]
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Row-to-Row Spacing	10.16 mm [.4 in]
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Accepts Wire Insulation Diameter Range	3.4 – 4.32 mm [.134 – .17 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
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UL Flammability Rating	20mm Flame Test per Standard UL-94
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Packaging Features



Packaging Quantity	800
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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	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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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-D486-CH8172
DEUTSCH DTP HOUSINGS



TE Part # WP-4S
WEDGE LOCK, 4P, PLG, ORG, DTP




TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS



TE Part # CAT-D486-H342
DEUTSCH DTP HEADERS



TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



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



TE Part # DTP15-4P
HDR, 4P, BLK, ST, SN/NI/CU



TE Part # DTP4S-BT-EN
BOOT, 4P, PLG, ST, LONG, GRY



TE Part # DTP4S-BT
BOOT, 4P, PLG, ST, GRY



TE Part # 0942318R02
DTP RECP ASM



TE Part # 180-DTP04
BKSHL, 4P, BLK, PLG, ST, SIDE AB, NW 16



TE Part # A90-DTP04
BKSHL, 4P, BLK, PLG, RA-U, SIDE A, NW 16



TE Part # A90-DTP04-952B
BKSHL, 4P, BLK, PLG, RA-D, SIDE A, NW 16



TE Part # B90-DTP04
BKSHL, 4P, BLK, PLG, RA-U, SIDE B, NW 16

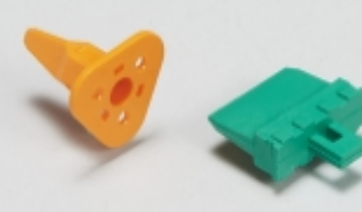


TE Part # B90-DTP04-952B
BKSHL, 4P, BLK, PLG, RA-D, SIDE B, NW 16


Also in the Series | **DEUTSCH DT**



Automotive Connector Caps & Covers (98)



Automotive Connector Locks & Position Assurance(73)



Automotive Housings(619)



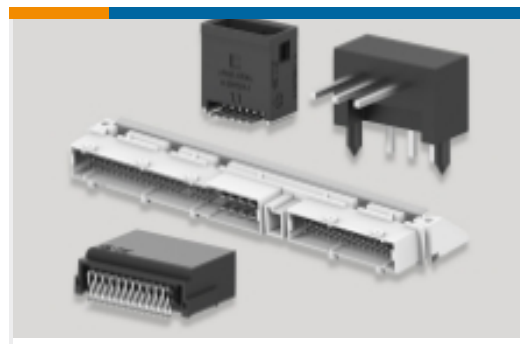
Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)

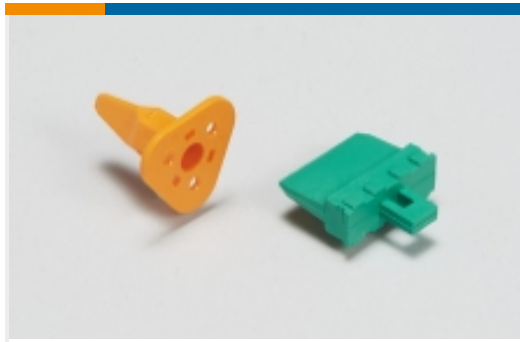


Other Automotive Connector Accessories(14)

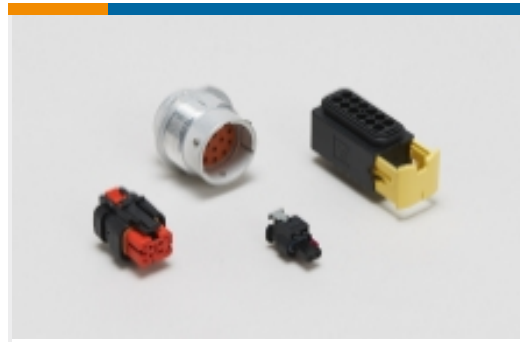


PCB Headers & Receptacles(106)

Also in the Series | DEUTSCH DTP



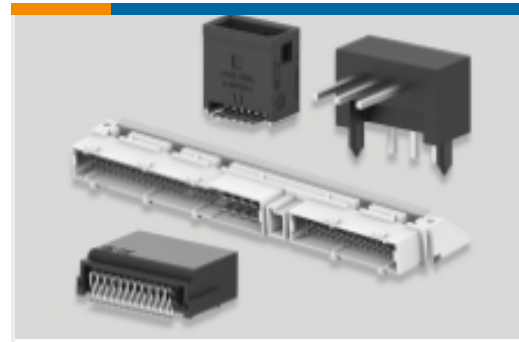
Automotive Connector Locks & Position Assurance(4)



Automotive Housings(33)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(4)

Customers Also Bought



TE Part #DT06-08SA
DEUTSCH DT Series Housings & Connectors



TE Part #DTP04-4P
DEUTSCH DTP HOUSINGS



TE Part #WP-2P
DEUTSCH DTP WEDGELOCKS



TE Part #W8S
DEUTSCH DT WEDGELOCKS



TE Part #0460-204-12141
PIN, SOLID, SIZE 12, 12-14AWG, NI



TE Part #1062-12-0222
SOC, SF, SIZE 12, 10, NI/NI

Documents

Product Drawings

PLG, 4P, GRY, N

English

CAD Files

Customer View Model

[ENG_CVM_CVM_DTP06-4S_99.2d_dxf.zip](#)



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DTP06-4S_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTP06-4S_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

Product Environmental Compliance

[MD_DTP06-4S_1106201769_dmtec](#)

English

[MD_DTP06-4S_1106201769_dmtec](#)

English

Agency Approvals

[UL Report](#)

English