DTP10-4P ✔ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTP

TE Internal #: DTP10-4P

Vertical, Wire-to-Board, 4 Position, 2 Row, 10.16mm [.4in] Centerline, Tin (Sn), Sealable, Wire & Cable, 25A Contact Current Rating (Max), DEUTSCH DTP

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > DEUTSCH DTP Headers







PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **25 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

Centerline (Pitch): **10.16 mm [.4 in]**

All DEUTSCH DTP Headers (4)

Features

Product Type Features

Connector Product Type	Connector Assembly
Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Sealable	Yes
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	0
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC
Voltage Rating (Max)	12 VDC, 24 VDC, 48 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Primary Product Color	Black

Contact Features

Mating Pin Diameter	2.39 mm[.094 in]
Contact Type	Pin
Contact Current Rating (Max)	25 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	With
Mating Retention Type	Locking Interface
PCB Mount Retention	With
Mounting Holes	With
Mating Alignment Type	Not Keyed
PCB Mount Retention Type	Mounting Screw
Mating Alignment	Without
PCB Mount Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	10.16 mm[.4 in]

Dimensions

Connector Width	34.93 mm[1.375 in]
PCB Thickness (Recommended)	.78 – 3.18 mm[.031 – .125 in]
Connector Length	26.8 mm[1.055 in]
Profile Height from PCB	26.8 mm[1.055 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Power

Industry Standards

IP Rating	IP68, IP6K9K
UL Flammability Rating	Not Tested

Packaging Features

Packaging Quantity	384
Packaging Method	Box

Other

Interface Number	DTP04-4P

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27519511666) Decamethylcyclopentasiloxane (D5) (.5% in 26660635507) Octamethylcyclotetrasiloxane (D4) (.5% in 26660635507) Pb (1.2% in 74004963) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. 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 # 0942318R02
DTP RECP ASM

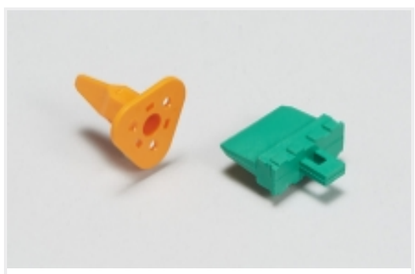


TE Part # CAT-D486-CH8172
DEUTSCH DTP Housings



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

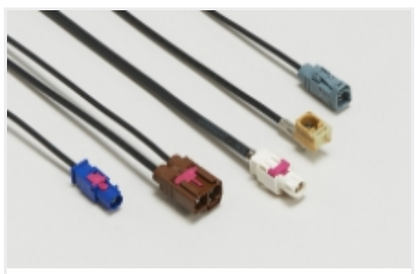
Also in the Series | DEUTSCH DT



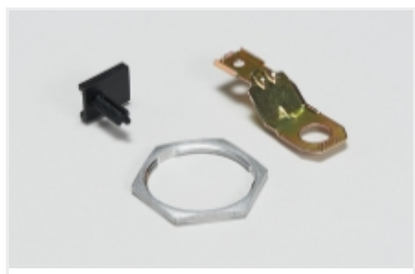
Automotive Connector Locks & Position Assurance(4)



Automotive Seals & Cavity Plugs(2)

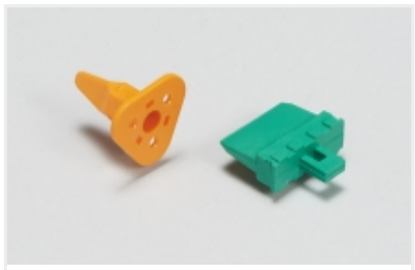


Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(4)

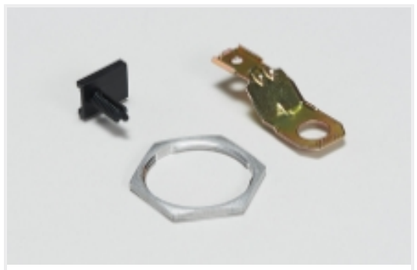
Also in the Series | DEUTSCH DTP



Automotive Connector Locks & Position Assurance(4)



Automotive Seals & Cavity Plugs(2)



Other Automotive Connector Accessories(4)

Customers Also Bought



TE Part #HUM-A-900-PRO-CAS
Module HUM-PRO-A 900MHz FHSS FM XCVR FCC



TE Part #T4113401041-000
M12,MALE,RA,B CODE,4P,PG7,GOLD



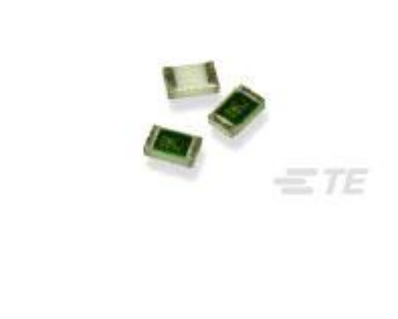
TE Part #DRC20-60P06
HDR, 60P, BLK, ST, AU/NI/CU, 06



TE Part #7-215083-8
MICRO-MATCH MOW.08P



TE Part #2-1623729-5
BCHE 17 W 68R 5%



TE Part #2-1879338-9
CPF 0603 52K3 1% 50PPM 1K RL



TE Part #2170704-1
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part #6-2176455-2
CPF 0402 475K 0.1% 25ppm 1K RL



TE Part #2195835-3
ISM 868 / 915 MHz ANTENNA



TE Part #2-6447232-4
SUPER SEAL 34POS CAP ASSY V AU

Documents

Product Drawings

HDR, 4P, BLK, ST, SN/NI/CU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTP10-4P_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTP10-4P_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTP10-4P_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English