

DTP10-4P

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTP

TE Internal #: DTP10-4P

PCB Mount Header, Vertical, Wire-to-Board, 4 Position, 10.16 mm [.4 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Sealable, Hybrid

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Connectors > PCB Connectors > PCB Headers & Receptacles > DEUTSCH DTP Headers



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Number of Rows: **2**

[All DEUTSCH DTP Headers \(4\)](#)

Features

Product Type Features

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

Configuration Features

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



Number of Rows	2
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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
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Contact Features

Mating Pin Diameter	2.39 mm[.094 in]
Contact Size	Size 12
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	25 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	10.16 mm[.4 in]
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Dimensions

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



Connector Length	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	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 26660635507) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Pb (1.2% in 74004963) Octamethylcyclotetrasiloxane (D4) (.5% in 27519511666) 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 # DT-RT1
EXT TOOL, FRONT RELEASE

TE Part # 0942318R02
DTP RECP ASM

TE Part # CAT-D486-CH8172
DEUTSCH DTP Housings

Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers
(19)

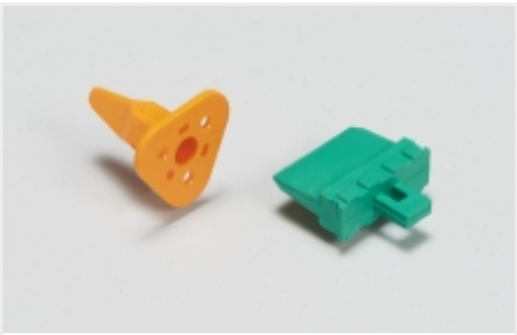
Connector Caps & Covers(1)

Rectangular Connector Housings(1)

Rectangular Power Connectors(5)

Standard Rectangular Connectors(1)

Also in the Series | DEUTSCH DTP



Automotive Connector Locks & Position Assurance(4)



Automotive Headers(5)



Automotive Housings(34)



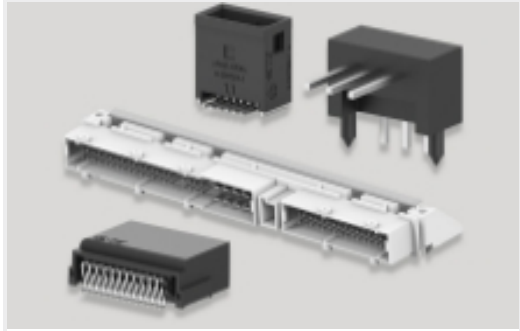
Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(3)



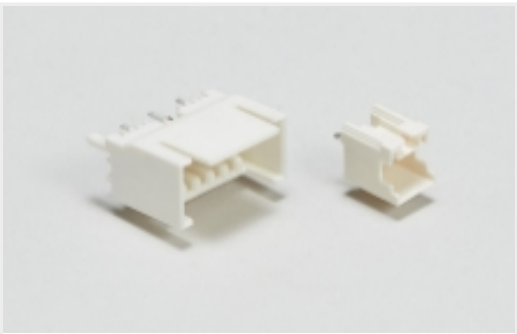
Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(5)

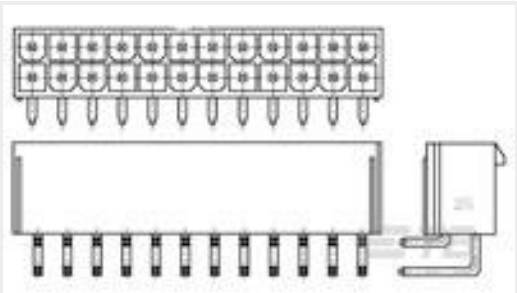


Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles (5)

Customers Also Bought



TE Part #1-1586042-6
16P VAL-U-LOK R/A HDR V0



TE Part #0410-241-0406
INSERT SEAL, CRIMP SLEEVE REDUCER



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



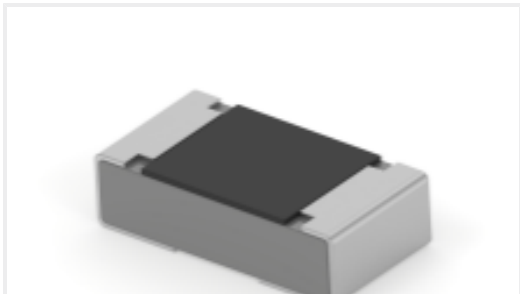
TE Part #CSI-RGFB-200-UFFR
RP-SMA to U.FL/MHF1 200mm 1.13 OD



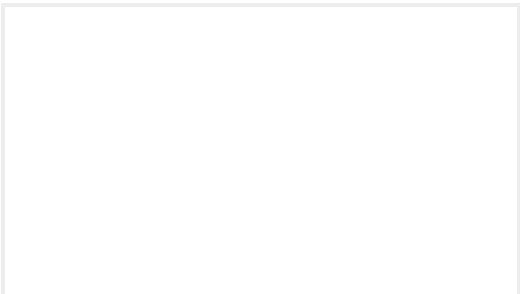
TE Part #CAT-D799-H342
DEUTSCH DRC Headers



TE Part #CAT-D487-H342
DEUTSCH DT Headers



TE Part #4-2176473-6
RA73F 1J 150R 0.1% 1K RL



TE Part #1010-009-0206
SEAL, INTF, 2P, RED-ORG, STD, DT

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