

DTP10-4P ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTP

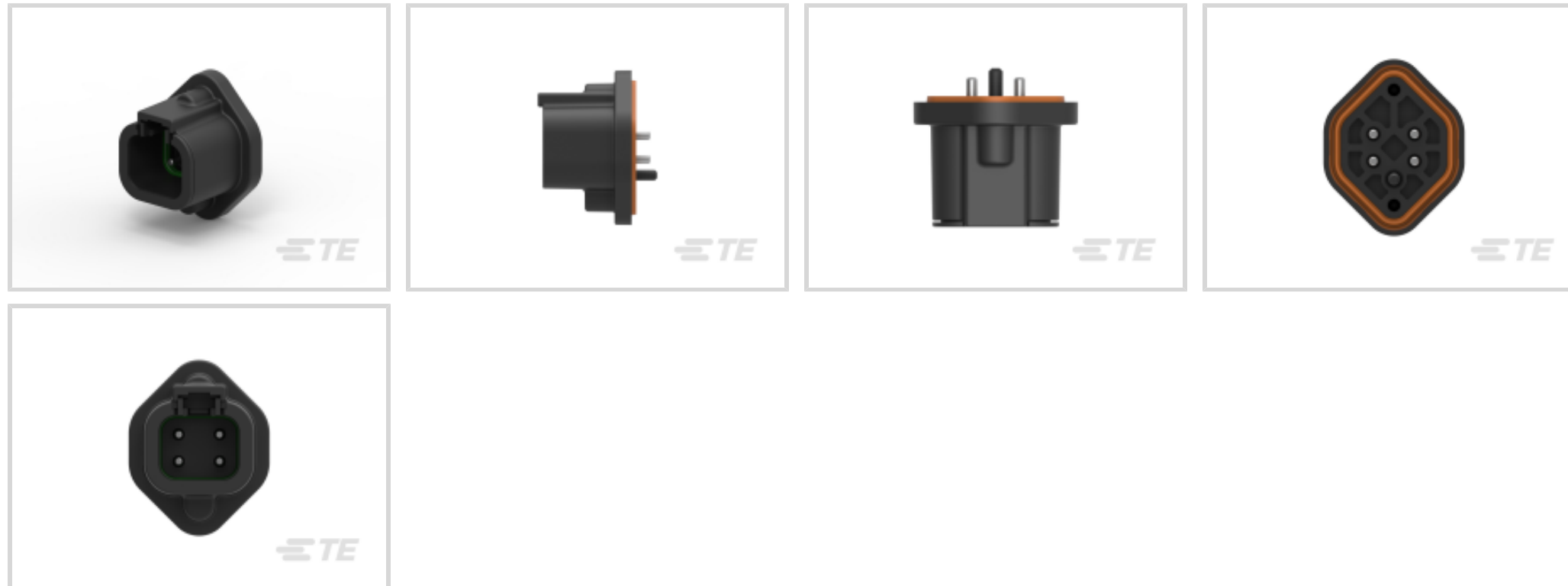
TE Internal #: DTP10-4P

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

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



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

Number of Positions: **4**

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

Sealable: **Yes**

PCB Mount Orientation: **Vertical**

[All DEUTSCH DTP Headers \(3\)](#)

Features

Product Type Features

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

Configuration Features

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



Electrical Characteristics

| | |
|------------------------------|------------|
| Voltage Rating (Max) | 250 VAC |
| Nominal Voltage Architecture | 12 V, 24 V |
| Operating Voltage | 250 VAC |

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

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

Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Mechanical Attachment

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

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 10.16 mm[.4 in] |
|--------------------|-----------------|

Dimensions

| | |
|-----------------------------|-------------------------------|
| Connector Length | 26.8 mm[1.055 in] |
| 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] |



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

| | |
|------------------------|--------------|
| Degree of Protection | IP68, IP6K9K |
| UL Flammability Rating | Not tested |

Packaging Features

| | |
|--------------------|-----|
| Packaging Type | Box |
| Packaging Quantity | 384 |

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 | <p>Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Pb (1.2% in Component Part)</p> <p>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.</p> |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed for solder process capability |

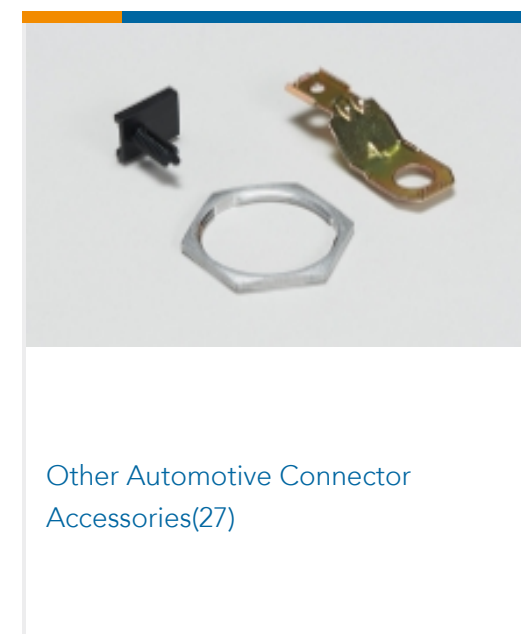
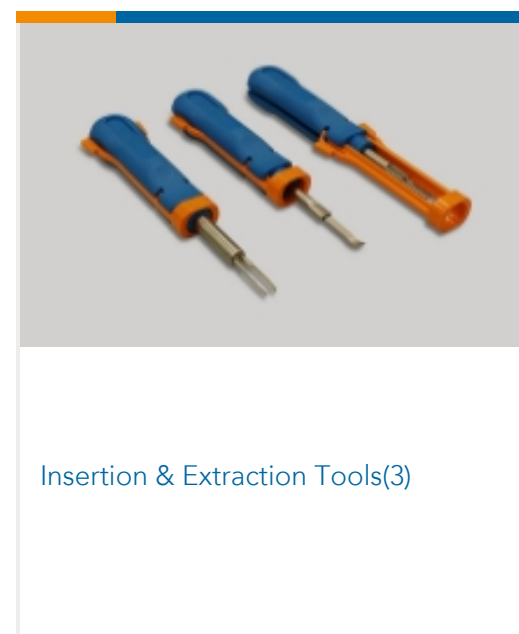
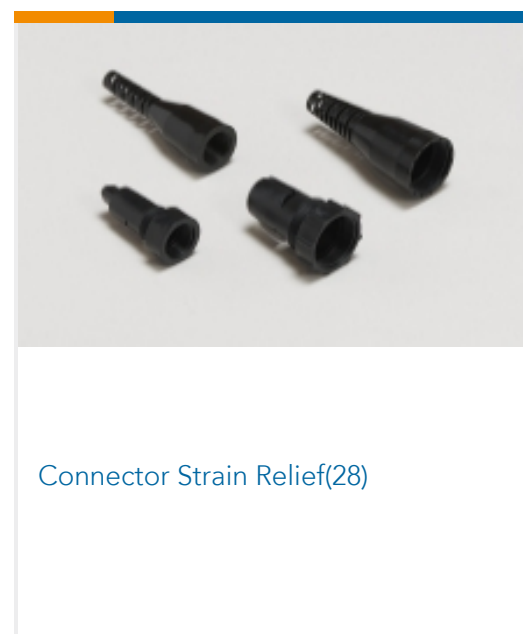
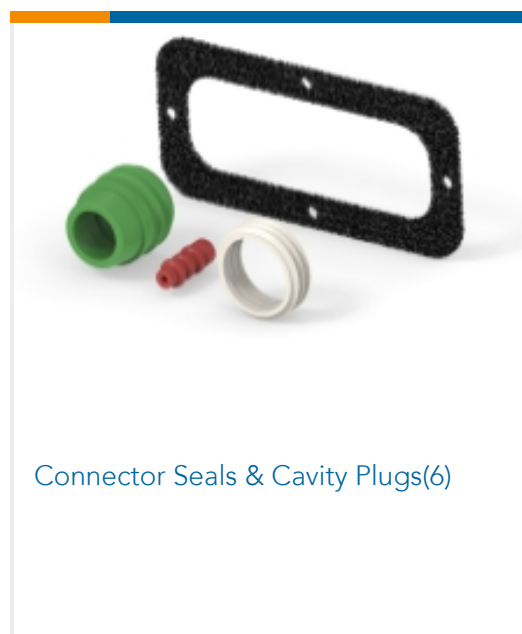
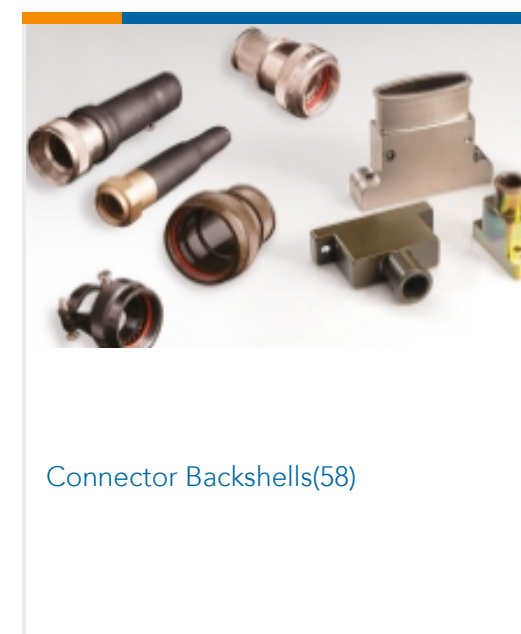
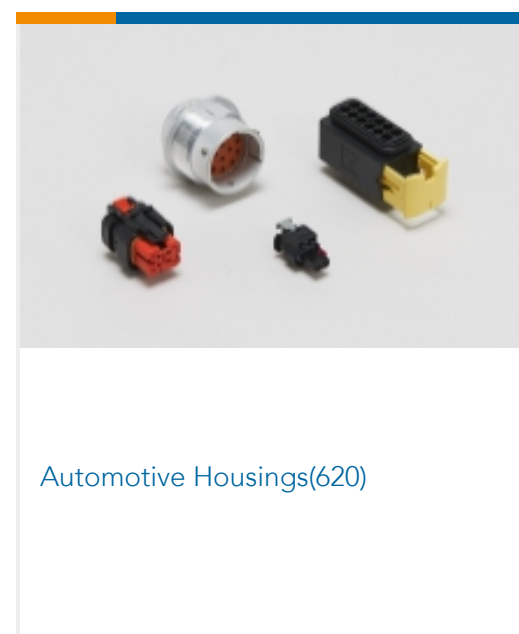
Product Compliance Disclaimer

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



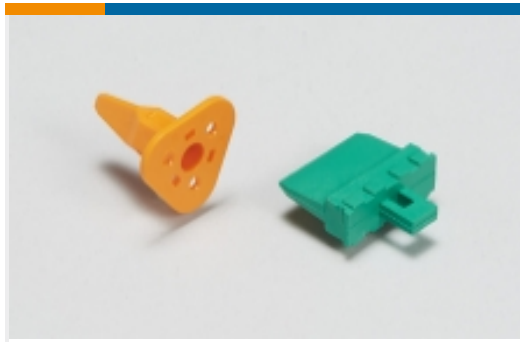
Also in the Series | DEUTSCH DT



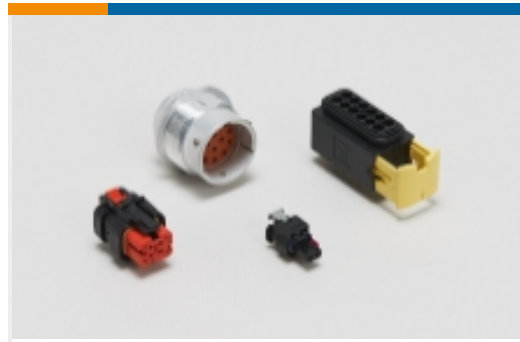


PCB Headers & Receptacles(103)

Also in the Series | DEUTSCH DTP



Automotive Connector Locks & Position Assurance(4)



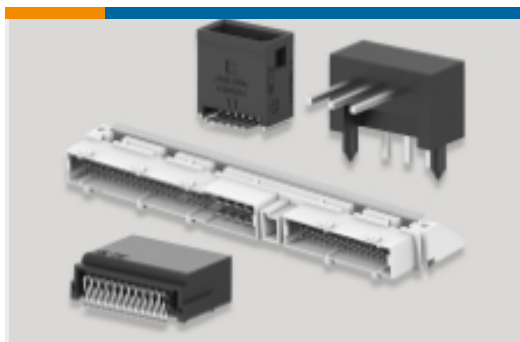
Automotive Housings(34)



Connector Backshells(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(4)

Customers Also Bought



TE Part #DT15-08PB
DEUTSCH DT Headers



TE Part #1879378-3
TLR 2512 3.0W R0005 1% 50PPM 2K RL



TE Part #DRC20-50P03
HDR, 50P, BLK, ST, AU/NI/CU, 03



TE Part #DTM13-12PB
HDR, 12P, GRY, RA, SN/NI/CU, B



TE Part #TAD14545101-020
M12D4-MS-FS-PUR-22SH-TYPE C GREEN-2.0M



TE Part #TAD14747101-020
M12D4-MS-FS-FRNC TYPE B GREEN-2.0M



TE Part #7-1414967-8
V23086R1802A803-EV-CBOX



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

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Product Specification](#)

English