

DTP04-2P-E004 ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTP

TE Internal #: DTP04-2P-E004

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

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTP Housings



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

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

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

Number of Positions: **2**

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

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

Features

Product Type Features

| | |
|-----------------------------------|----------------------------|
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Male 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 | 2 |
| Number of Rows | 1 |

Electrical Characteristics

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

Body Features

| | |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|



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

Contact Features

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|--------------|---------|
| Contact Size | Size 12 |
|--------------|---------|

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|--------------|-----|
| Contact Type | Pin |
|--------------|-----|

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|---------------------|------------------|
| Mating Pin Diameter | 2.39 mm[.094 in] |
|---------------------|------------------|

| | |
|------------------------------|------|
| Contact Current Rating (Max) | 25 A |
|------------------------------|------|

Mechanical Attachment

| | |
|-----------------------------|-----|
| Terminal Position Assurance | Yes |
|-----------------------------|-----|

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|---------------|------------------|
| Strain Relief | Add By Accessory |
|---------------|------------------|

| | |
|-----------------------|-----------|
| Mating Alignment Type | Polarized |
|-----------------------|-----------|

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

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|------------------|-------|
| Housing Material | PA GF |
|------------------|-------|

| | |
|--------------------|------------------|
| Centerline (Pitch) | 6.71 mm[.264 in] |
|--------------------|------------------|

Dimensions

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|------------------|-------------------|
| Connector Height | 21.54 mm[.848 in] |
|------------------|-------------------|

| | |
|---------------|-------------------|
| Product Width | 22.15 mm[.872 in] |
|---------------|-------------------|

| | |
|----------------|--------------------|
| Product Length | 47.27 mm[1.861 in] |
|----------------|--------------------|

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|-----------------------------------|------------------------------|
| Accepts Insulation Diameter Range | 3.4 – 4.32 mm[.134 – .17 in] |
|-----------------------------------|------------------------------|

Usage Conditions

| | |
|-----------------------------|----------------|
| Operating Temperature (Max) | 125 °C[257 °F] |
|-----------------------------|----------------|

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|----------------------|------|
| Degree of Protection | IP68 |
|----------------------|------|

| | |
|-----------------|-----------|
| Agency/Standard | SAE J2030 |
|-----------------|-----------|

| | |
|------------------------|------------------------------------|
| UL Flammability Rating | 20mm Flame Test per Standard UL-94 |
|------------------------|------------------------------------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 550 |
|--------------------|-----|



Packaging Method Box

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 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC |
| 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-D48-SP729
DEUTSCH Sealing Plugs



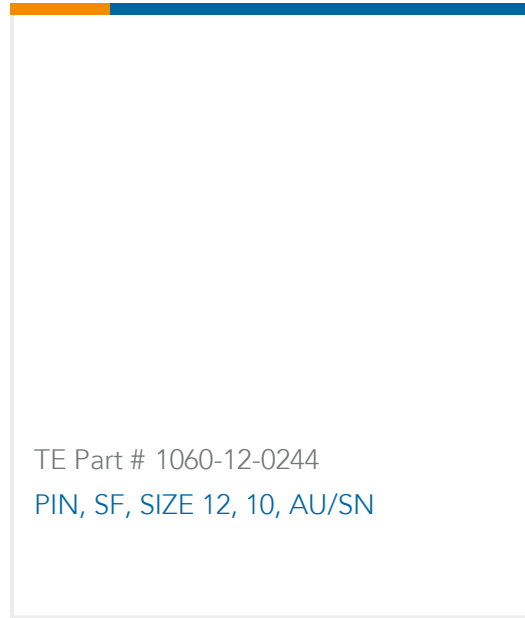
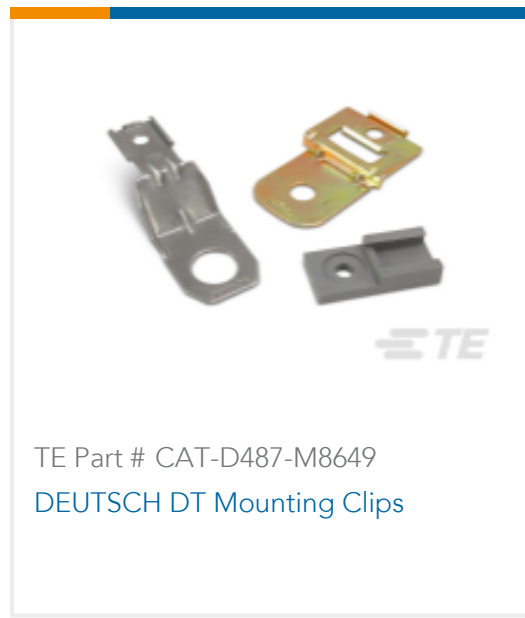
TE Part # CAT-D486-CH8172
DEUTSCH DTP Housings



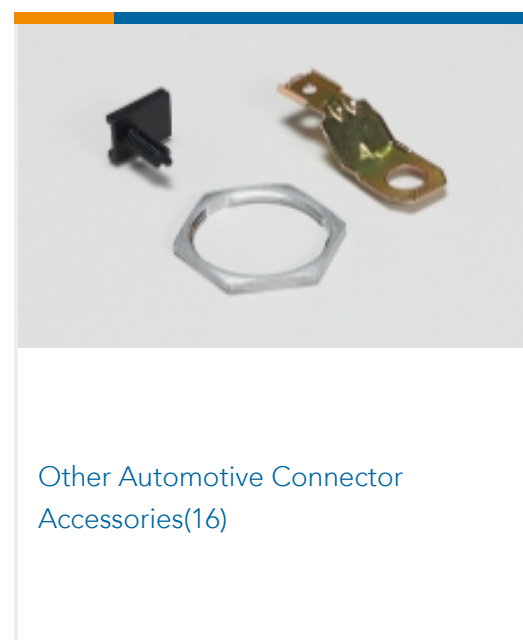
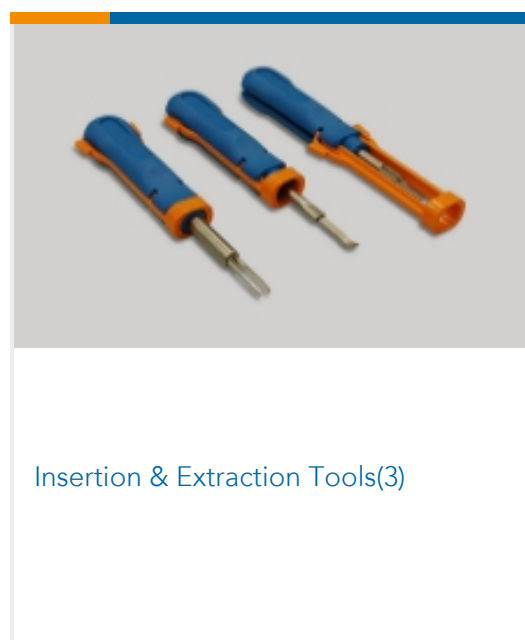
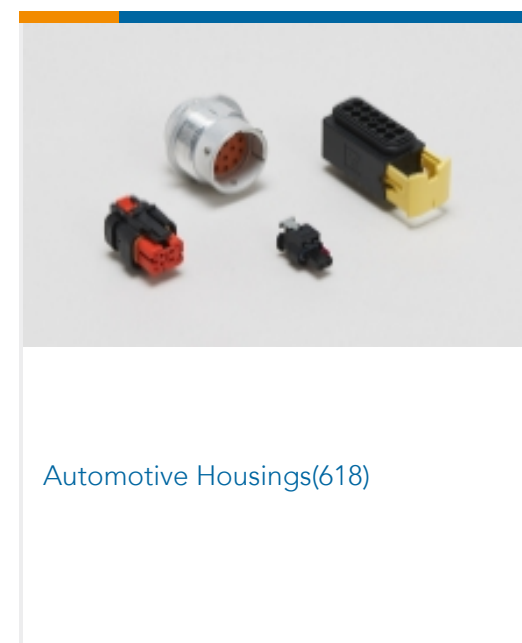
TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



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



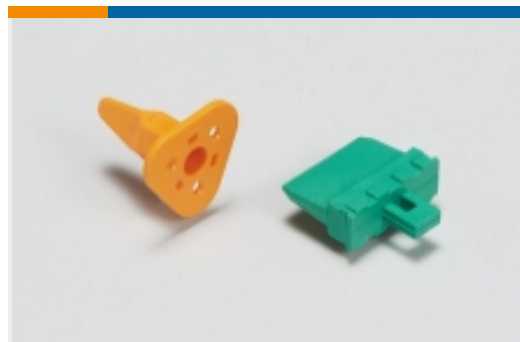
Also in the Series | **DEUTSCH DT**



Also in the Series | **DEUTSCH DTP**



Automotive Connector Caps & Covers (1)



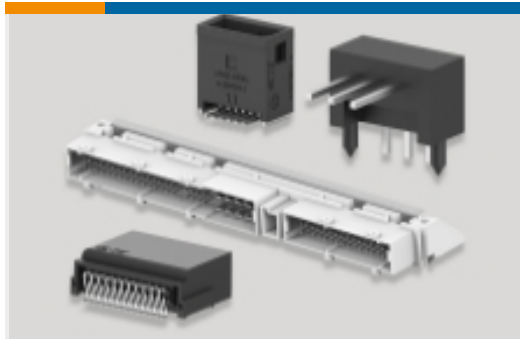
Automotive Connector Locks & Position Assurance(4)



Automotive Housings(34)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(4)

Customers Also Bought



TE Part #WP-2P
DEUTSCH DTP Wedgelocks



TE Part #DT04-08PA-CE09
REC, 8P, BLK, E, XCAP, A



TE Part #DT06-08SA-CE12
PLG, 8P, BLK, E, SEAL RET, XCAP, A



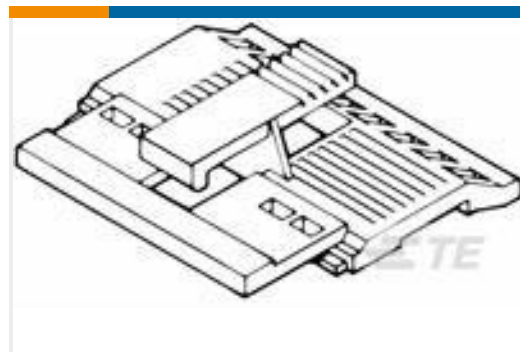
TE Part #DTP06-2S-CE09
PLG, 2P, BLK, E, XCAP



TE Part #33459-4
TERMINAL,SOLIS R 12-10 5/16



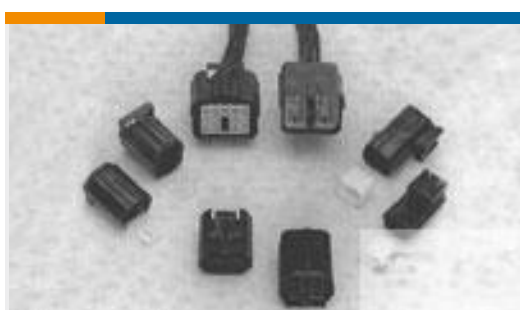
TE Part #102398-4
12 AMPMODU MT ASSY DR .100CL



TE Part #102681-1
12 AMPMODU MT COVER DR .100CL



TE Part #2267473-4
SIZE 13 PERIPHERAL SEAL, CPC



TE Part #345255-1
ANTI-BACKOUT 3WAY TAB
HSGECONO

Documents



Product Drawings

[REC, 2P, BLK, N](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DTP04-2P-E004_99_c-dtp04-2p-e004-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTP04-2P-E004_99_c-dtp04-2p-e004-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTP04-2P-E004_99_c-dtp04-2p-e004-99.3d_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

Agency Approvals

[UL Report](#)

English