

[Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTHD Housings](#)Connector System: **Wire-to-Wire**Number of Positions: **1**Connector & Housing Type: **Housing for Female Terminals**Sealable: **Yes**Mating Pin Diameter: **5.72 mm [ .225 in ]**[All DEUTSCH DTHD Housings \(14\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

### Configuration Features

Number of Positions	1
Number of Rows	0

### Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Black

### Contact Features

Contact Size	Size 4
Contact Type	Socket
Mating Pin Diameter	5.72 mm[.225 in]
Contact Current Rating (Max)	100 A

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Polarizing Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PEI (Polyetherimide)
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### Dimensions

Connector Height	27.33 mm[1.076 in]
Product Width	22.23 mm[.875 in]
Product Length	38.05 mm[1.498 in]
Compatible Insulation Diameter Range	6.63 - 10.67 mm[.261 - .42 in]

### Usage Conditions

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

### Operation/Application

Circuit Application	Power
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### Industry Standards

Degree of Protection	Not Tested
UL Flammability Rating	Not tested

### Packaging Features

Packaging Quantity	800
Packaging Method	Box

## Other

Serviceable	Yes
Connector Position Assurance Capable	No

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

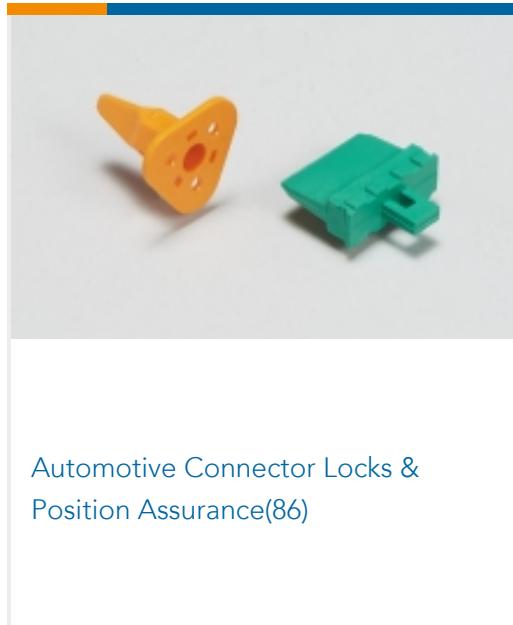
 TE Part # CAT-D48-PCH8172 DEUTSCH DTHD Housings	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # 114019-ZZ SEALING PLUG, SIZE 4, WHT	 TE Part # 114009-ZZ EXTRUDED TOOL, SIZE 4, 6 AWG, N, WHT
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## Also in the Series

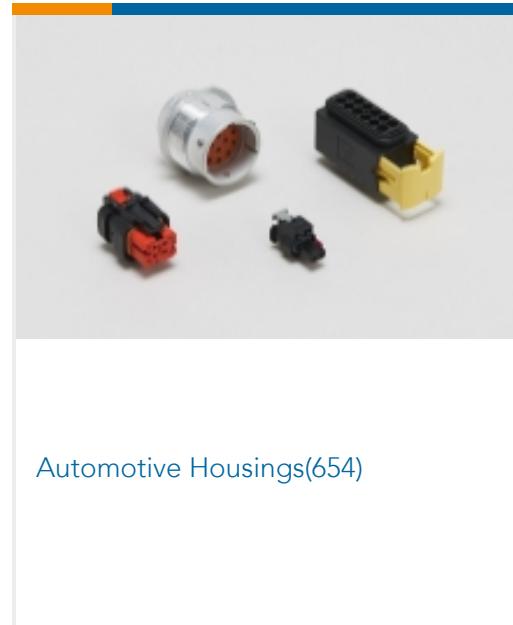
## DEUTSCH DT



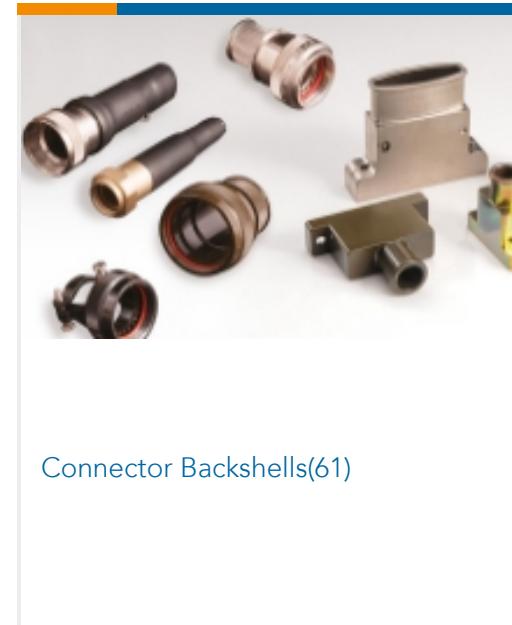
Automotive Connector Caps &amp; Covers (19)



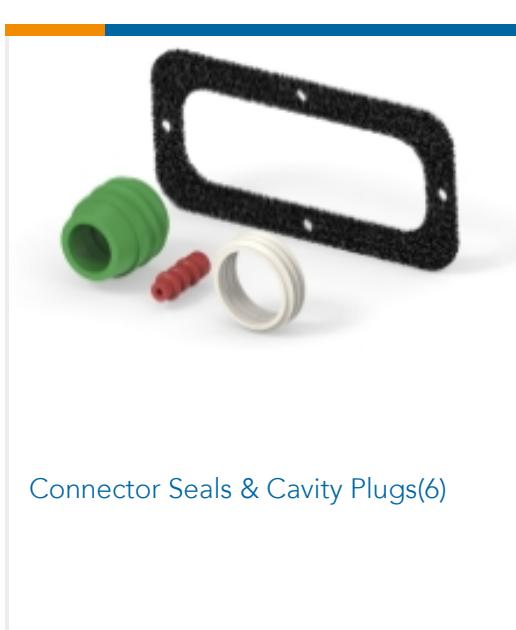
Automotive Connector Locks &amp; Position Assurance (86)



Automotive Housings (654)



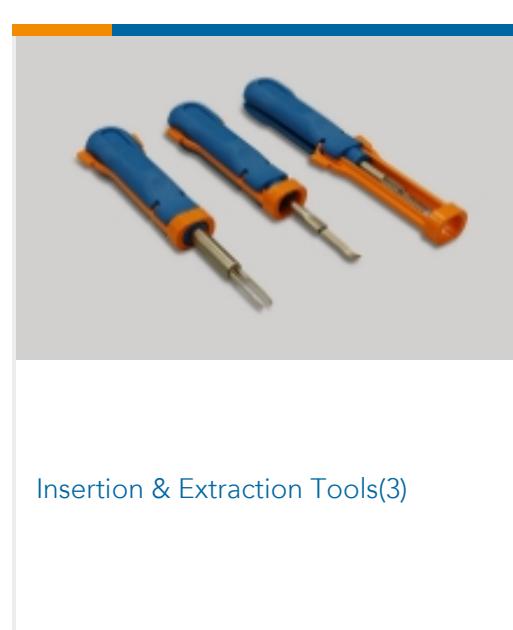
Connector Backshells (61)



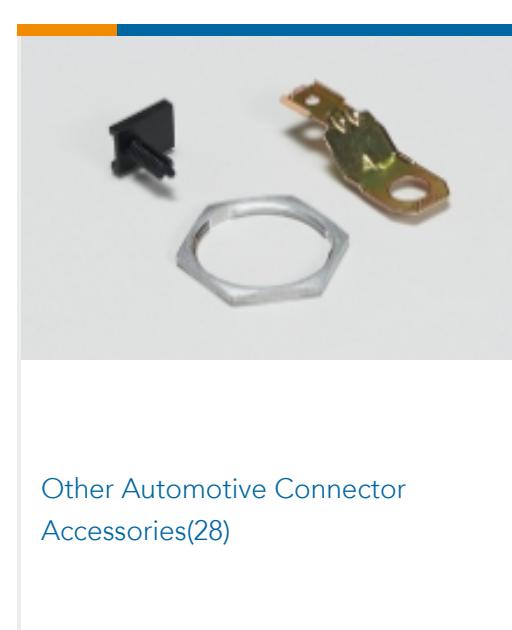
Connector Seals &amp; Cavity Plugs (6)



Connector Strain Relief (28)



Insertion &amp; Extraction Tools (3)



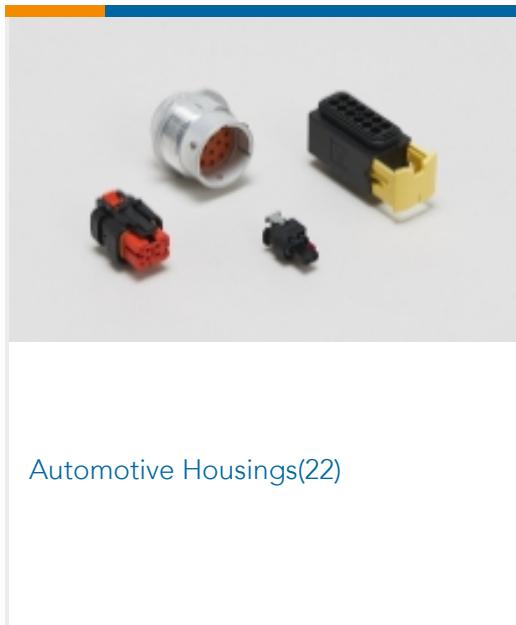
Other Automotive Connector Accessories (28)



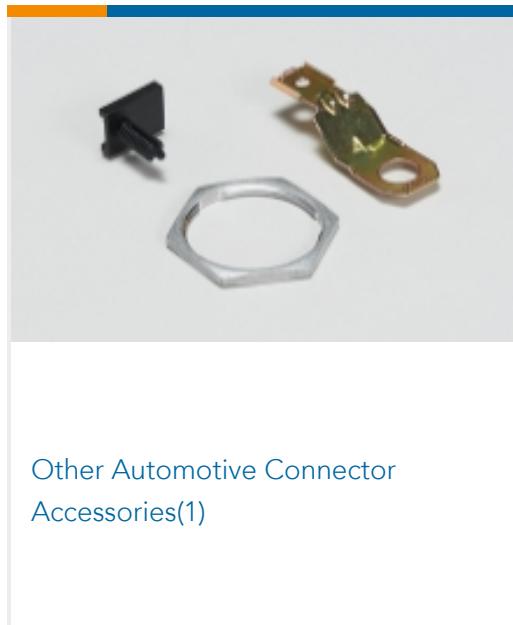
PCB Headers &amp; Receptacles (105)

## Also in the Series

## DEUTSCH DTHD

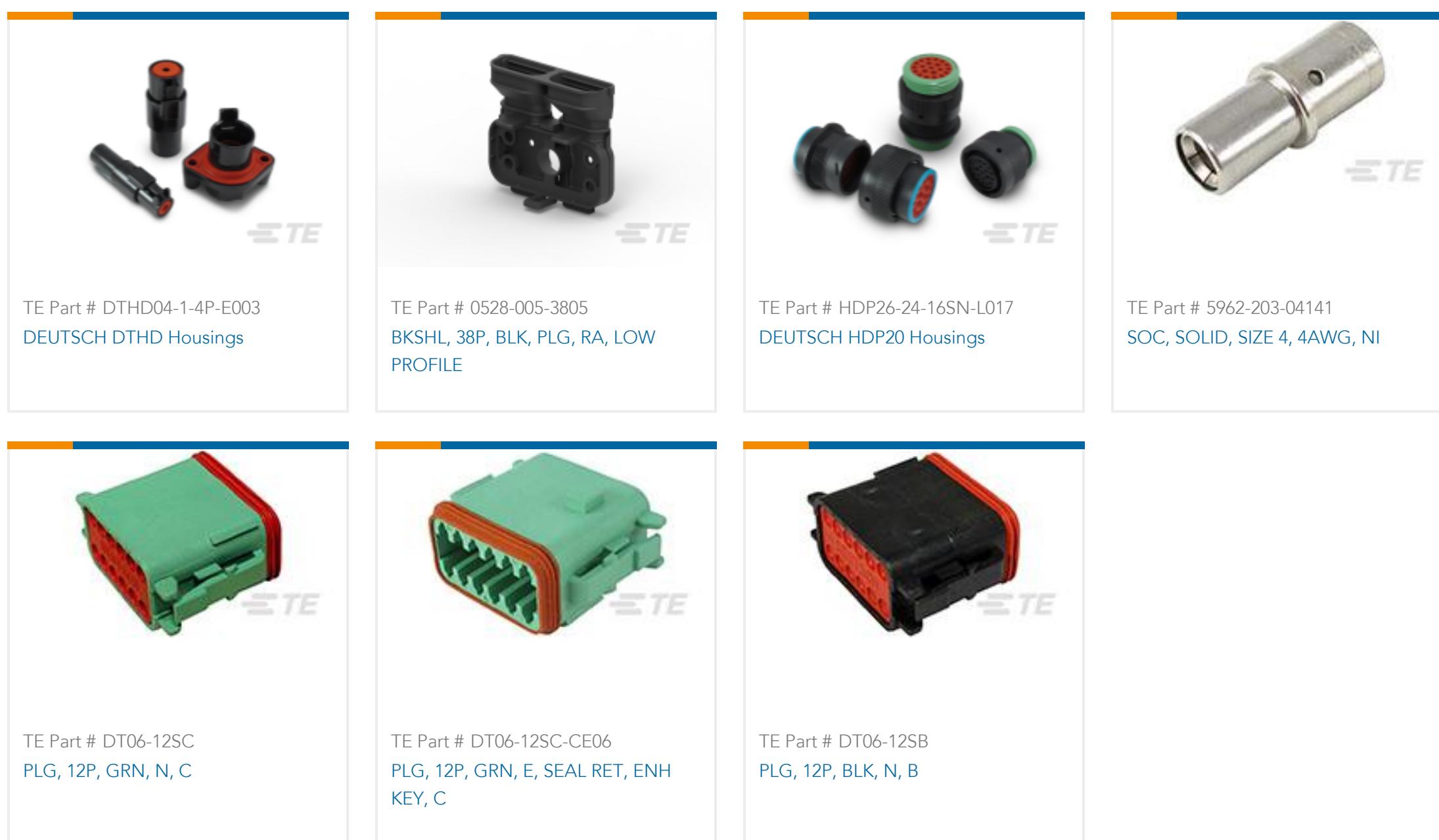


Automotive Housings (22)



Other Automotive Connector Accessories (1)

## Customers Also Bought



## Documents

### Product Drawings

[PLG, 1P, BLK, N, SIZE 4](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_DTHD06-1-4S\\_99.2d\\_dxf.zip](#)

English

### 3D PDF

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_DTHD06-1-4S\\_99.3d\\_jgs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_DTHD06-1-4S\\_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

DTHD06-1-4S

Housing for Female Terminals, Wire-to-Wire, 1 Position, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging), Hybrid

