

# DTHD06-1-4S ✓ ACTIVE

DEUTSCH | DEUTSCH DTHD, DEUTSCH DT

TE Internal #: DTHD06-1-4S

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

[View on TE.com >](#)



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 \(13\)](#)

## Features

### Product Type Features

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
Mixed & Hybrid Connector	No
Connector Shape	Circular

### Configuration Features

Number of Positions	1
Number of Rows	1

### Contact Features

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



Contact Size	Size 4
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Contact Type	Socket
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### Body Features

Primary Product Color	Black
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Cable Exit Angle	180°
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### Operation/Application

Circuit Application	Power
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### Mechanical Attachment

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

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

Nominal Voltage Architecture	250 V
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Operating Voltage	250 VDC
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### Other

Connector Position Assurance Capable	No
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Serviceable	Yes
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### Housing Features

Housing Material	PEI (Polyetherimide)
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### Dimensions

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



IP Rating	Not Tested
UL Flammability Rating	Not tested

**Packaging Features**

Packaging Quantity	800
Packaging Method	Box

**Product Compliance**

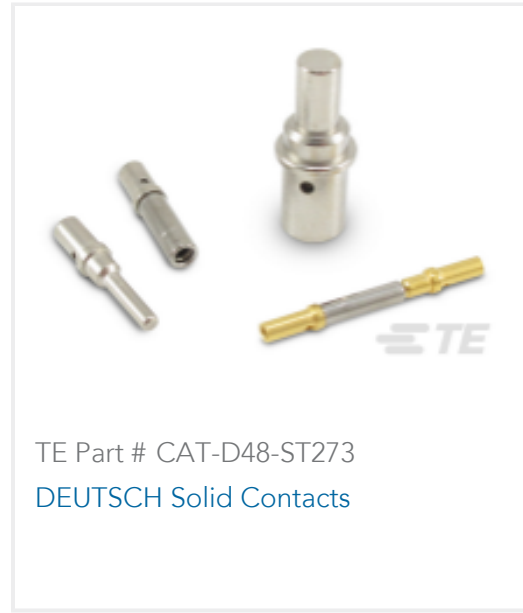
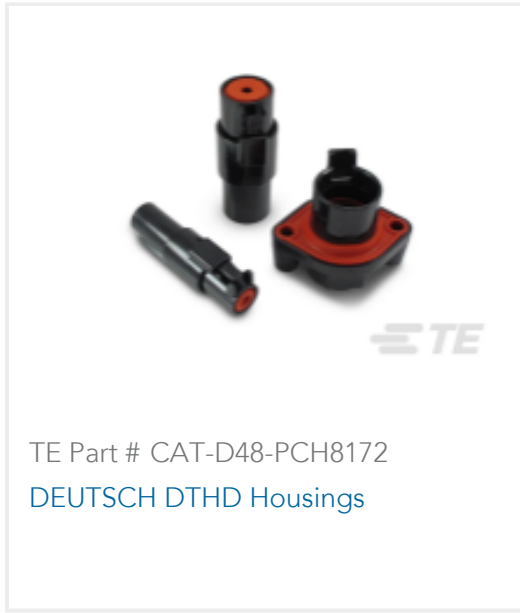
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

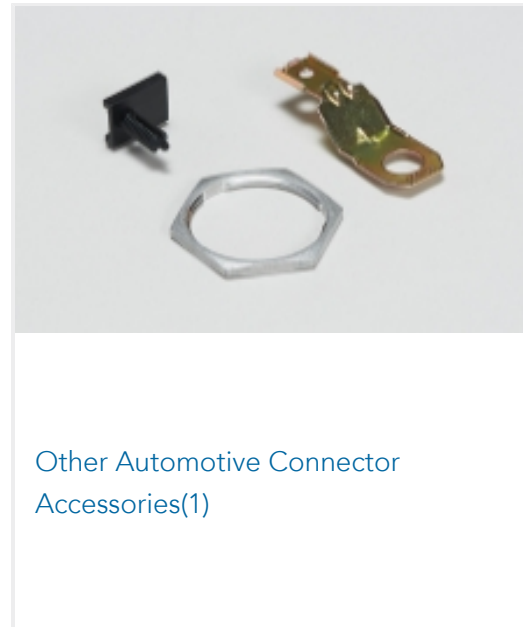
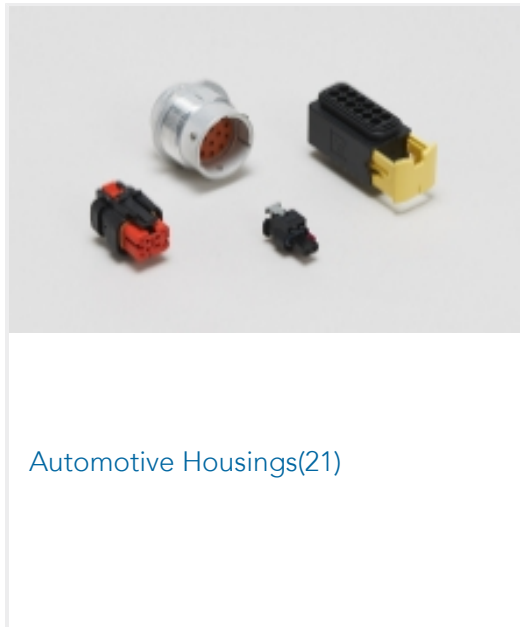
Product Compliance Disclaimer

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>

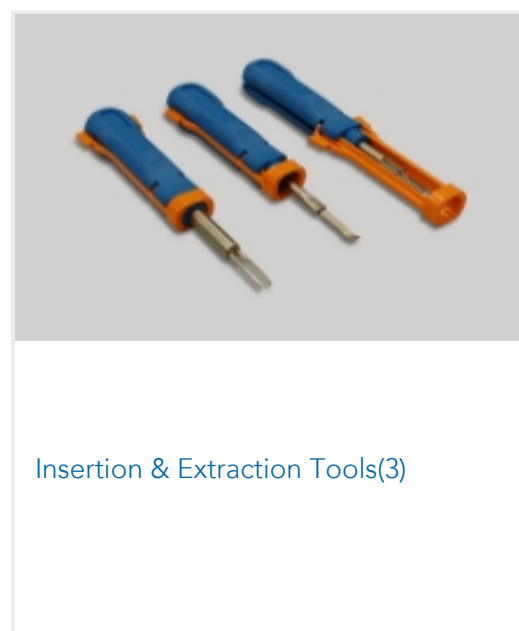
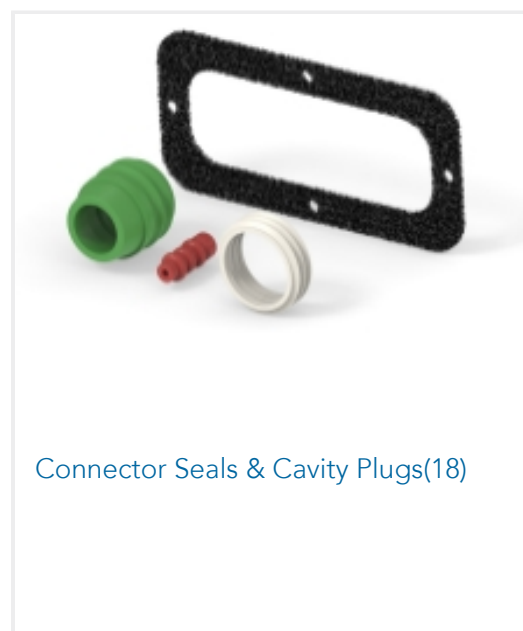
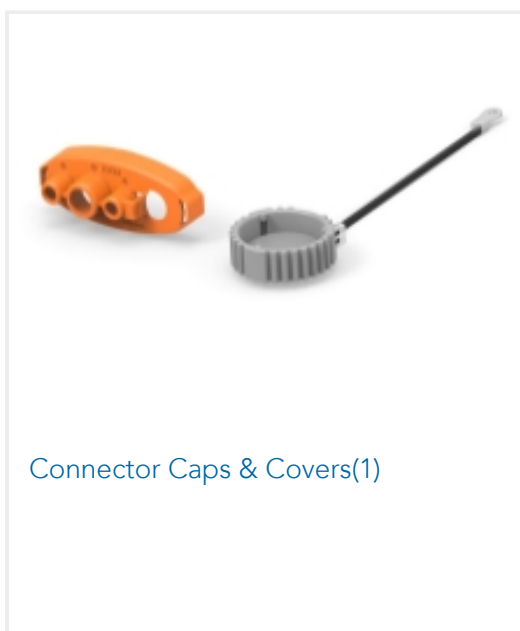
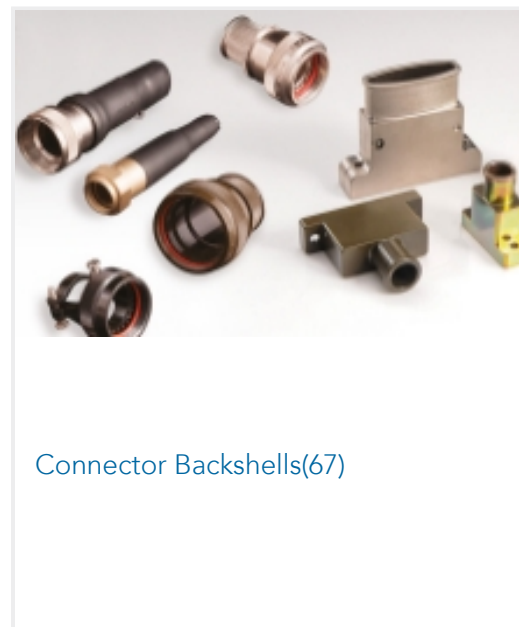
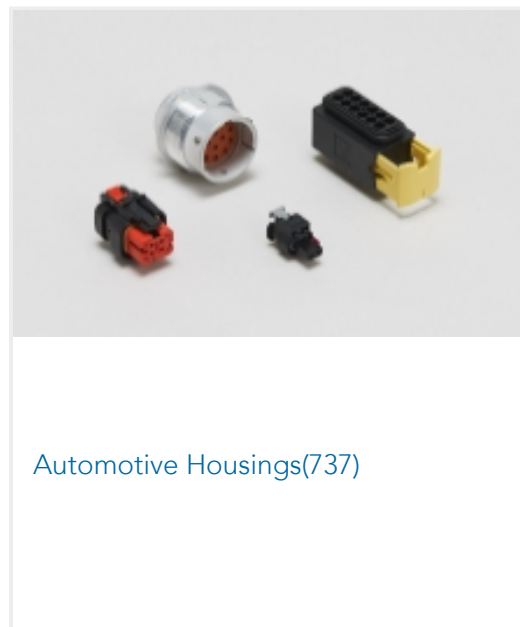
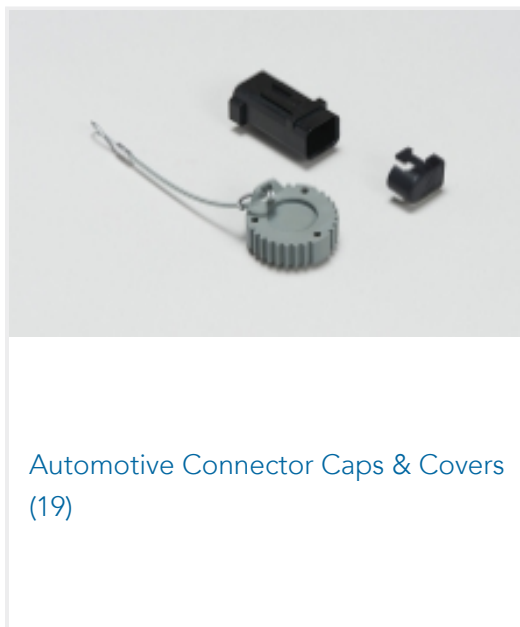
**Compatible Parts**

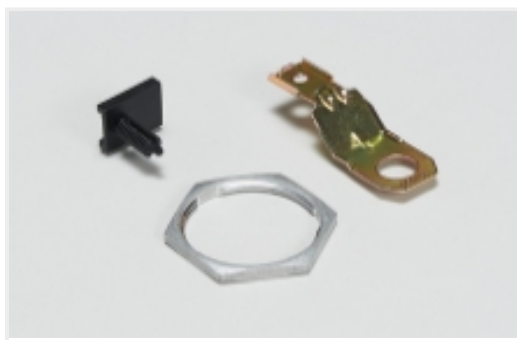


### Also in the Series | DEUTSCH DTHD

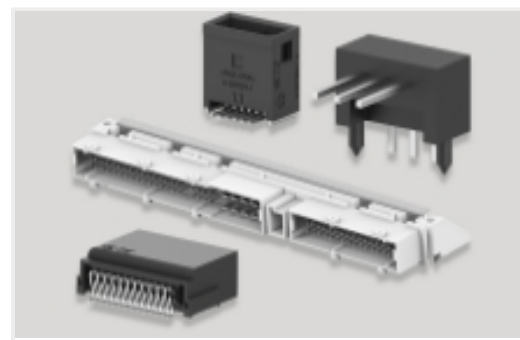


### Also in the Series | DEUTSCH DT

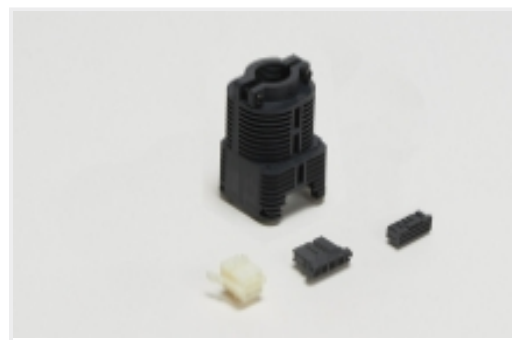




Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(107)



Rectangular Connector Housings(1)

## Customers Also Bought



TE Part #HDP26-18-6SN  
PLG, 6P, BLK, N, 4/16, S



TE Part #5962-203-04141  
SOC, SOLID, SIZE 4, 4AWG, NI



TE Part #DTP06-2S  
PLG, 2P, GRY, N



TE Part #DT06-12SC  
PLG, 12P, GRN, N, C



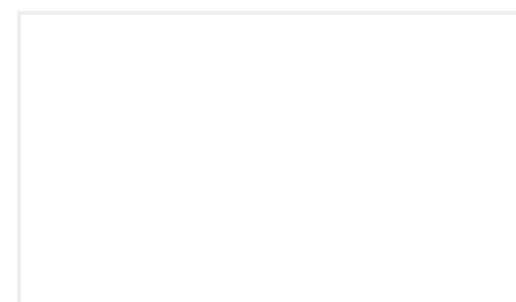
TE Part #DT06-12SB  
PLG, 12P, BLK, N, B



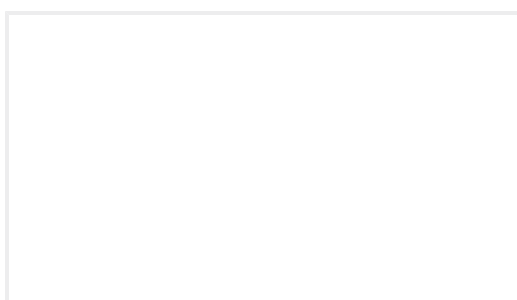
TE Part #1-2141263-3  
SHIELD CRIMP FERRULE, OUTSIDE



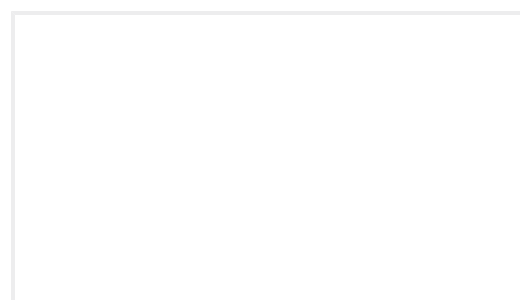
TE Part #2418661-1  
SINGLE WIRE SEAL



TE Part #1-2840876-4  
FAMILY SEAL, PCON12, SIZE D



TE Part #2369840-3  
Cover for wire seal, 16mm sq.



TE Part #K1161243  
Power Distribution Board\_Set 89-00-004

## 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\\_igs.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.

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### Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Application Specification](#)

English