

DTHD06-1-4S ✓ ACTIVE

DEUTSCH | DEUTSCH DTHD, DEUTSCH DT

TE Internal #: DTHD06-1-4S

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

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTHD Housings



Number of Positions: 1

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

Mating Pin Diameter: 5.72 mm [.225 in]

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

Sealable: **Yes**

[All DEUTSCH DTHD Housings \(13\)](#)

Features

Housing Features

Housing Material	PEI (Polyetherimide)
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Industry Standards

IP Rating	Not Tested
UL Flammability Rating	Not tested

Dimensions

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

Packaging Features

Packaging Quantity	800
Packaging Method	Box



Mechanical Attachment

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

Other

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

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	250 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

Product Type Features

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

Configuration Features

Number of Positions	1
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Number of Rows 1

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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Product Compliance

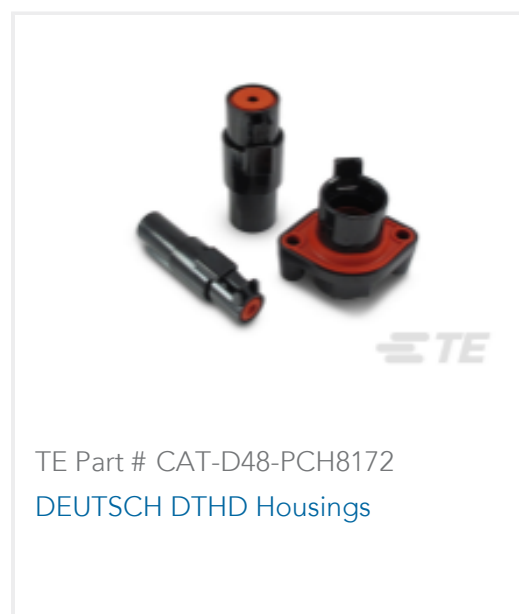
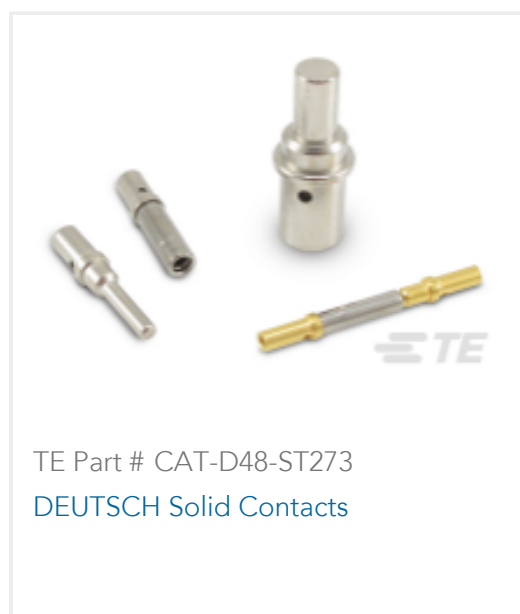
[For compliance documentation, visit the product page on TE.com>](#)

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

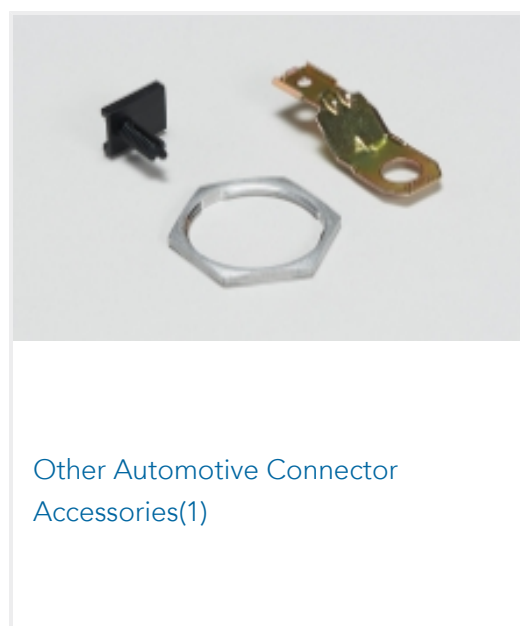
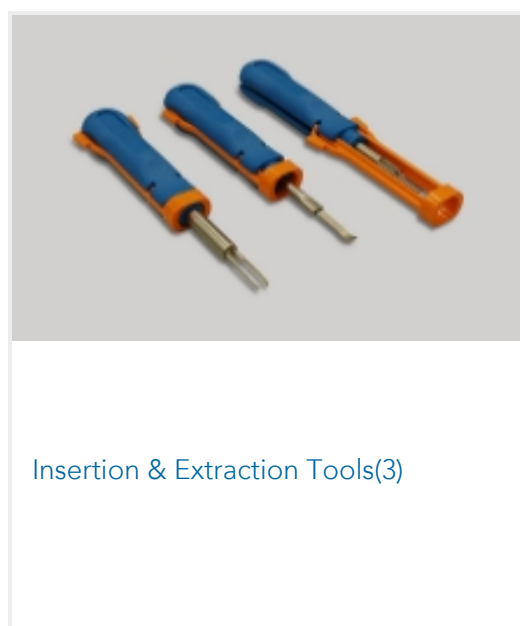
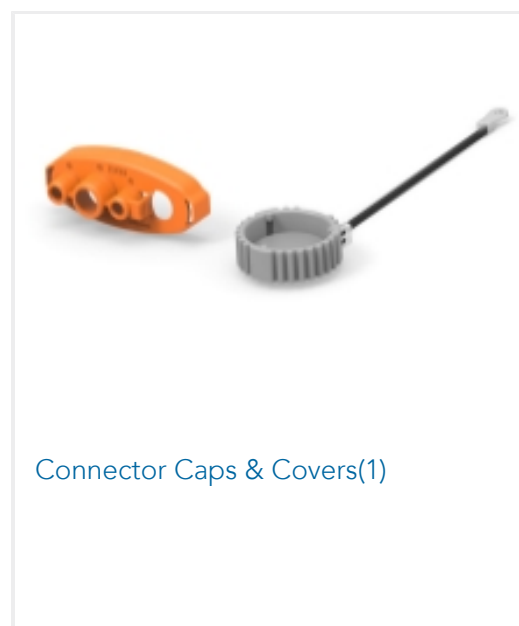
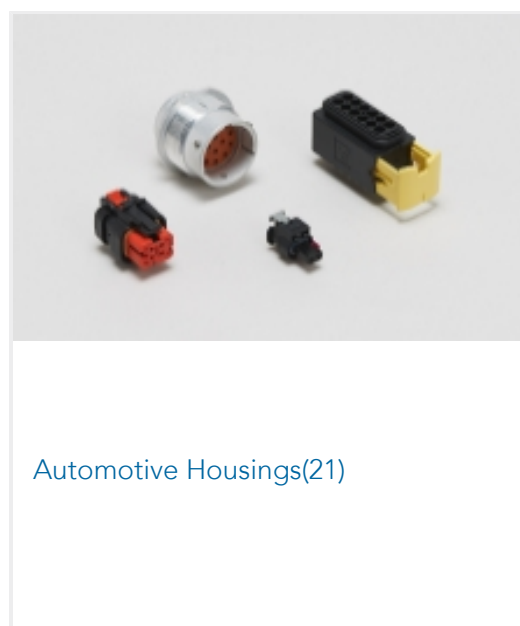
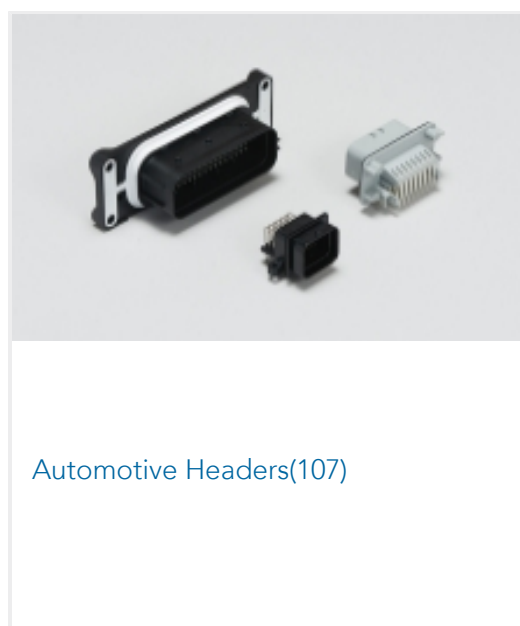
Product Compliance Disclaimer

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



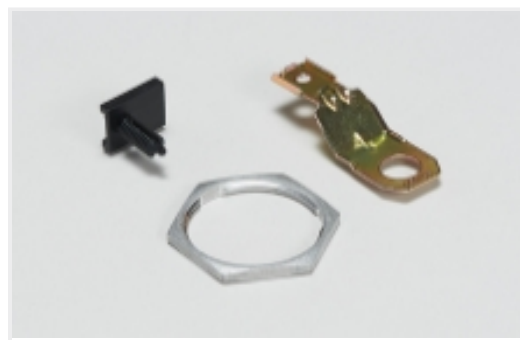
Also in the Series | DEUTSCH DT



Also in the Series | DEUTSCH DTHD



Automotive Housings(21)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #W12S
WEDGE LOCK, 12P, PLG, ORG, STD, DT



TE Part #CAT-J41-DDPC
DEUTSCH DT Plug Connectors



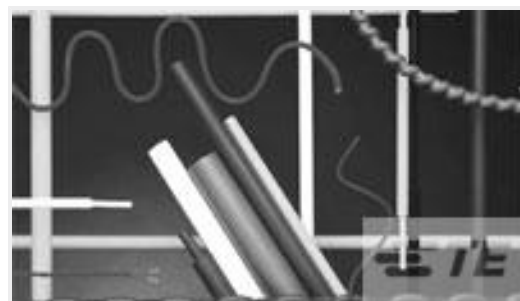
TE Part #1-6609032-3
10VR1=F7206 S0



TE Part #8-31890-1
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #DTV06-18SA-C015
PLG, 18P, GRY, E, A



TE Part #5068334005
CGPT-12.7/6.4-6-SP



TE Part #2151254-1
OCEAN_2.0_APPLICATOR-S-160F190OV-RSM



TE Part #HDP26-24-19SE
PLG, 19P, BLK, E, 12/16, S

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

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

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CONNECTOR SELECTOR

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Product Specifications

Application Specification

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