

DTHD06-1-4S-E003

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTHD

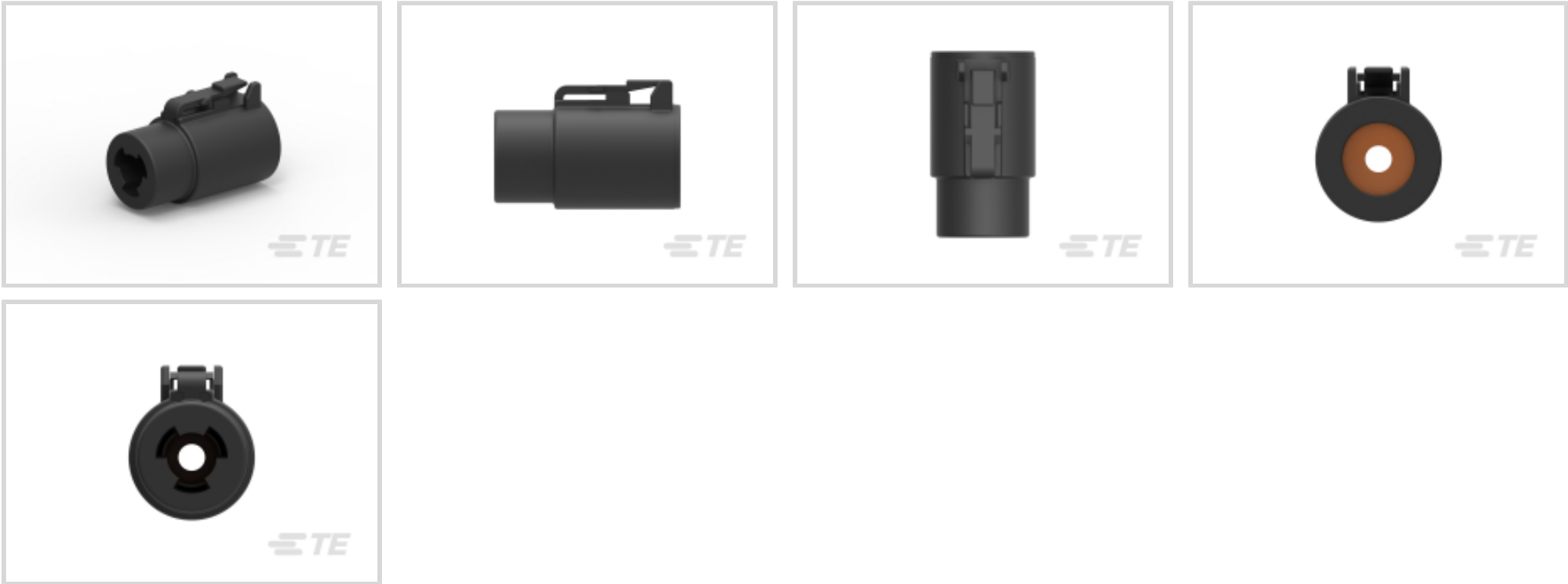
TE Internal #: DTHD06-1-4S-E003

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

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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

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

Connector Modification	End Cap
Number of Positions	1
Number of Rows	1

Electrical Characteristics

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Operating Voltage	250 VDC
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Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

Cable Exit Angle	180°
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Primary Product Color	Black
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Contact Features

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

Strain Relief	With
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Terminal Position Assurance	No
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Mating Alignment Type	Polarization
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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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	39.32 mm[1.548 in]
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Connector Height	27.33 mm[1.076 in]
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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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Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	Not Tested
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UL Flammability Rating	Not Tested
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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>

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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-ST273  
DEUTSCH Solid Contacts



TE Part # CAT-D48-PCH8172  
DEUTSCH DTHD Housings



TE Part # 114009-ZZ  
EXT TOOL, SIZE 4, 6 AWG, N, WHT




TE Part # 114019-ZZ  
SEALING PLUG, SIZE 4, WHT



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE


Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers  
(19)




Connector Caps & Covers(1)



Rectangular Connector Housings(1)



Rectangular Power Connectors(77)

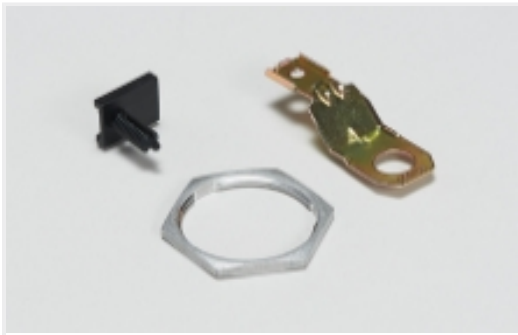


Standard Rectangular Connectors(1)

Also in the Series | DEUTSCH DTHD



[Automotive Housings\(21\)](#)



[Other Automotive Connector Accessories\(1\)](#)

Customers Also Bought



TE Part #DRC12-40PBE  
[REC, 40P, BLK, E, FLANGE, B](#)



TE Part #0462-203-04141  
[SOC, SOLID, SIZE 4, 6AWG, NI](#)



TE Part #CAT-D48-PCH8172  
[DEUTSCH DTHD Housings](#)



TE Part #DT04-08PA-CE01  
[REC, 8P, GRY, E, CAP, A](#)



TE Part #CAT-J41-DDPC  
[DEUTSCH DT Plug Connectors](#)

Documents

Product Drawings

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

English

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

English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_DTHD06-1-4S-E003\\_99.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DTHD06-1-4S-E003\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTHD06-1-4S-E003\\_99.3d\\_stp.zip](#)



English

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Datasheets & Catalog Pages  
TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications  
Application Specification

English