# DTHD04-1-4P-E003 ✓ ACTIVE



#### DEUTSCH | DEUTSCH DTHD, DEUTSCH DT

TE Internal #: DTHD04-1-4P-E003

1 Position Housing, Housing for Male 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









PEI (Polyetherimide)



Number of Positions: 1

Connector & Housing Type: Housing for Male 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

Industry Standards	
IP Rating	Not Tested
UL Flammability Rating	Not tested
Dimensions	
Compatible Insulation Diameter Range	6.63 – 10.67 mm[.261 – .42 in]

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Product Width	26.54 mm[1.045 in]
Product Length	53.8 mm[2.118 in]
Connector Height	43.18 mm[1.7 in]

## **Packaging Features**

Packaging Quantity	500
Packaging Method	Box



#### Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	No
Mating Alignment Type	Polarized
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	Pin
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 Male 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
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

## **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**

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





TE Part # CAT-D48-PCH8172
DEUTSCH DTHD Housings











# Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Housings(21)



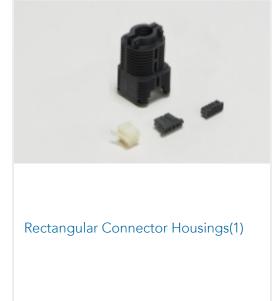
Connector Caps & Covers(1)



Connector Strain Relief(31)



Rectangular Backshells & Clamps(3)



Also in the Series | DEUTSCH DTHD

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





# Customers Also Bought



















## **Documents**

**Product Drawings** 

REC, 1P, BLK, N, SIZE 4, CAP

English

#### **CAD Files**

Customer View Model

ENG\_CVM\_CVM\_DTHD04-1-4P-E003\_99.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_DTHD04-1-4P-E003\_99.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_DTHD04-1-4P-E003\_99.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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



Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

**CONNECTOR SELECTOR** 

English

**Product Specifications** 

**Application Specification** 

English