

# DTHD04-1-4P-E003 ✓ ACTIVE



DEUTSCH | DEUTSCH DT, DEUTSCH DTHD

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

Housing for Male 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 Male 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 Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

### Configuration Features

Connector Modification	End Cap
Number of Positions	1
Number of Rows	0

### Electrical Characteristics

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

### Mechanical Attachment

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

### Housing Features

Housing Material	PEI (Polyetherimide)
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### Dimensions

Connector Height	43.18 mm[1.7 in]
Product Width	26.54 mm[1.045 in]
Product Length	53.8 mm[2.118 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	500
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Packaging Method	Box
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### Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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## Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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#### 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 # 0460-204-0490  
PIN, SOLID, SIZE 4, 6AWG, NI



TE Part # CAT-D487-M8649  
DEUTSCH DT Mounting Clips



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




TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16

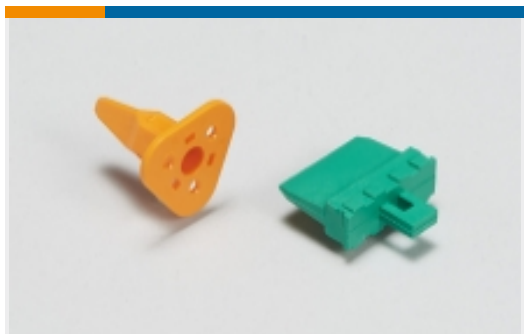


TE Part # 114009-ZZ  
EXT TOOL, SIZE 4, 6 AWG, N, WHT


Also in the Series | **DEUTSCH DT**




Automotive Connector Caps & Covers (19)




Automotive Connector Locks & Position Assurance(74)




Automotive Housings(620)




Connector Backshells(58)




Connector Seals & Cavity Plugs(6)



Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(27)



PCB Headers & Receptacles(103)

Also in the Series | **DEUTSCH DTHD**



Automotive Housings(22)



Other Automotive Connector Accessories(1)

## Customers Also Bought



TE Part #HD16-9-16S  
PLUG ASM



TE Part #DTHD04-1-8P-E003  
REC, 1P, BLK, N, SIZE 8, CAP



TE Part #1766193-1  
CONTACT,PIN,SIZE #12



TE Part #DT4S-BT-BK  
BOOT, 4P, PLG, ST, BLK



TE Part #6648318-1  
CONTACT,SKT,#12



TE Part #61299-3  
SPLICE 7000-12500 .031 BR



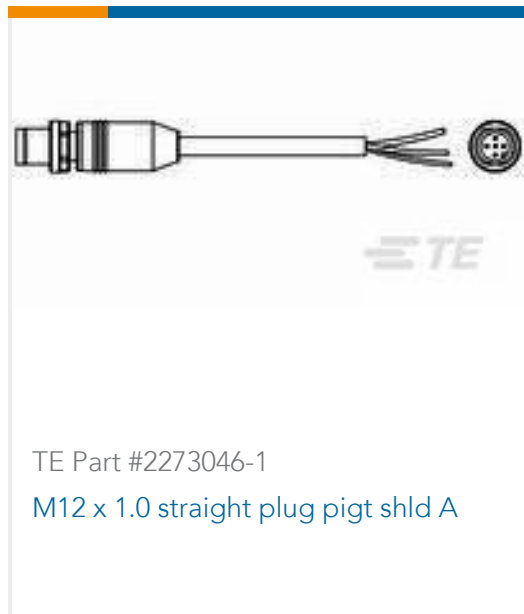
TE Part #62754-1  
SPLICE 14000-30000 .030 BR



TE Part #1650177-4  
711-78-02109=CONTACT,PIN,#12 W



TE Part #DT06-12SA-CE05  
PLG, 12P, GRY, E, SEAL RET,ENH KEY,  
CAP,A



TE Part #2273046-1  
M12 x 1.0 straight plug pigtail A

## Documents

### Product Drawings

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

English

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

English

[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

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### Datasheets & Catalog Pages

#### ICT Terminals and Connectors Catalogue

English

#### CONNECTOR SELECTOR

English

### Product Specifications

#### Application Specification

English