

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



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	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	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

Connector Modification	End Cap
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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
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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



TE Part # CAT-D48-PCH8172
DEUTSCH DTHD Housings



TE Part # 0460-204-0490
PIN, SOLID, SIZE 4, 6AWG, NI



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



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



TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16




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


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)



Rectangular Connector Housings(1)

Also in the Series | **DEUTSCH DTHD**



Automotive Housings(21)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #DRC26-40SB-L011
PLG, 40P, BLK, N, ROUTER CAP, B



TE Part #CAT-D486-CH8172
DEUTSCH DTP Housings



TE Part #DTHD06-1-8S-E003
PLG, 1P, BLK, N, SIZE 8, CAP



TE Part #DT04-12PA-CE07
REC, 12P, GRY, E, ENH KEY, CAP, A



TE Part #172213-4
EIS CAP HSG PANEL MOUNT 4P NATUTURAL



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



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



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

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

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English