#### DEUTSCH | DEUTSCH DT, DEUTSCH DTHD

TE Internal #: DTHD06-1-4S-E003 Housing for Female 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 Female 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 Female 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	

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



Nominal Voltage Architecture	12 V, 24 V, 48 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	
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)

### Dimensions

Connector Height	27.33 mm[1.076 in]			
Product Width	22.23 mm[.875 in]			
Product Length	39.32 mm[1.548 in]			
Compatible Insulation Diameter Range	6.63 - 10.67 mm[.26142 in]			
Usage Conditions				
Operating Temperature (Max)	125 °C[257 °F]			
Operating Temperature Range	-55 - 125 °C[-67 - 257 °F]			
Operation/Application				
Circuit Application	Power			
Industry Standards				
Degree of Protection	Not Tested			
UL Flammability Rating	Not tested			
Packaging Features				

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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	

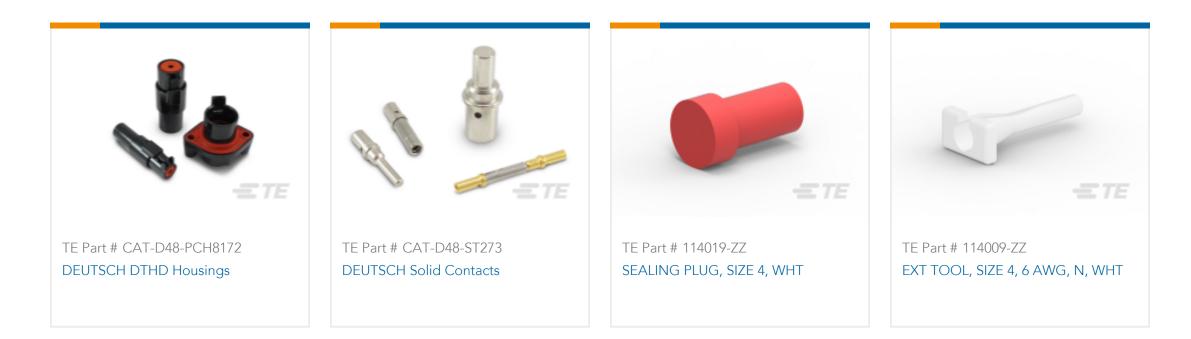
#### Product Compliance Disclaimer

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

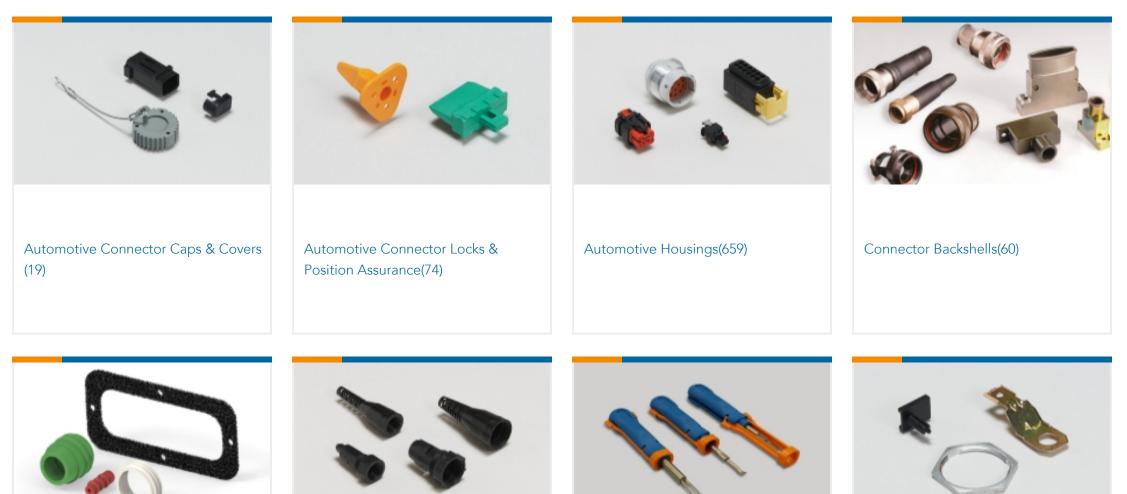
# **Compatible Parts**

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





# Also in the Series | DEUTSCH DT



Connector Seals & Cavity Plugs(6)	Connector Strain Relief(28)	Insertion & Extraction Tools(3)	Other Automotive Connector
			Accessories(27)
	Connector Seals & Cavity Plugs(6)	Connector Seals & Cavity Plugs(6) Connector Strain Relief(28)	Connector Seals & Cavity Plugs(6) Connector Strain Relief(28) Insertion & Extraction Tools(3)

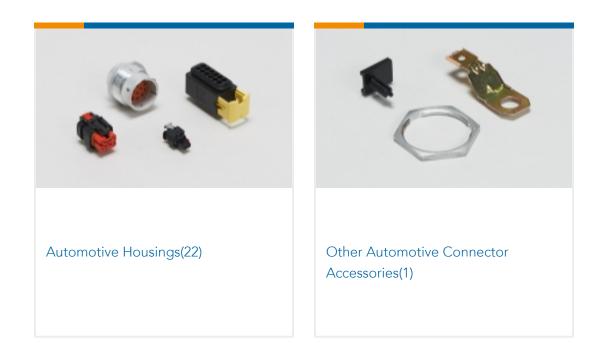


PCB Headers & Receptacles(103)

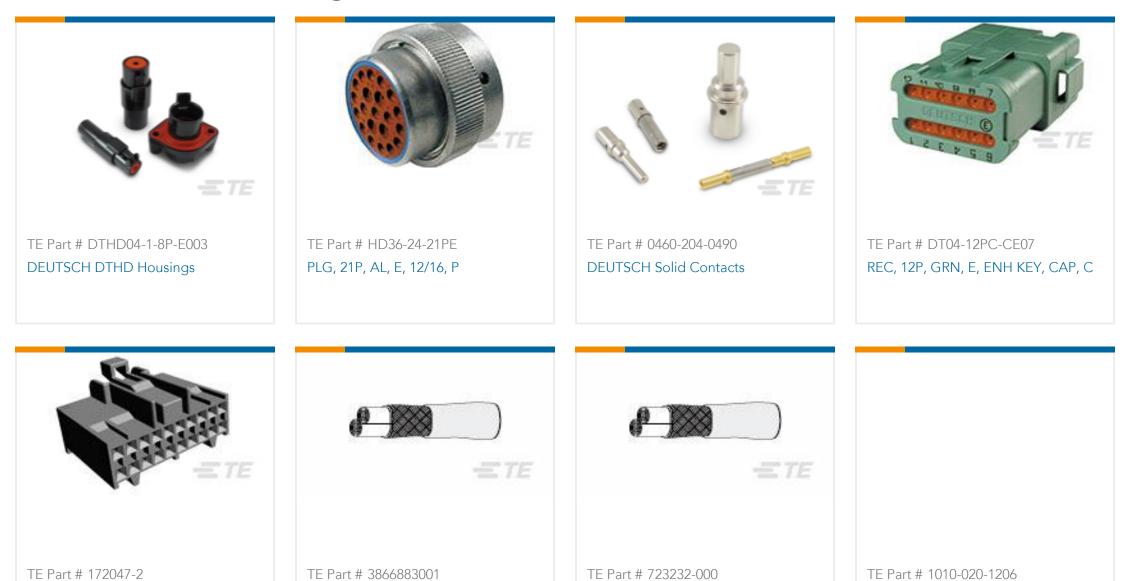
# Also in the Series | DEUTSCH DTHD

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





# Customers Also Bought



## 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

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English

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications Application Specification

English