



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTHD HOUSINGS



Connector & Housing Type: **Housing for Male Terminals**

Mating Pin Diameter: **5.72 mm [.225 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **1**

Sealable: **Yes**

[All DEUTSCH DTHD HOUSINGS \(14\)](#)

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Rows	0

Electrical Characteristics

Operating Voltage	250 VAC
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	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)
------------------	----------------------

Dimensions

Connector Height	43.18 mm[1.7 in]
Product Width	26.54 mm[1.045 in]
Product Length	52.53 mm[2.068 in]
Accepts Wire 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
---------------------	-------

Industry Standards

Degree of Protection	Not Tested
UL Flammability Rating	Not tested

Packaging Features

Packaging Quantity	500
Packaging Method	Box



Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

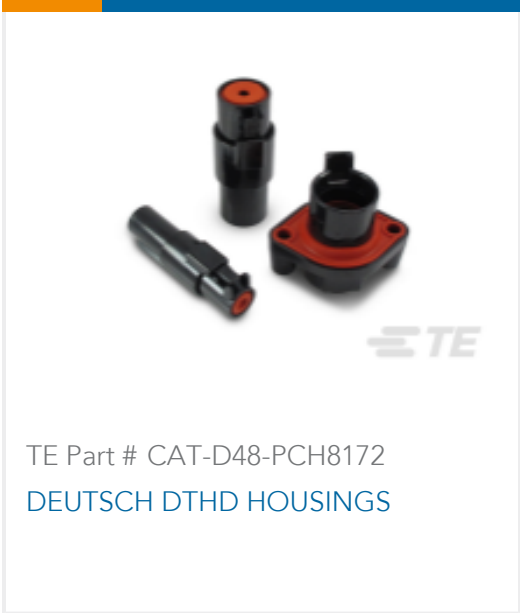
For compliance documentation, visit the product page on TE.com>

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # CAT-D487-M8649
DEUTSCH DT MOUNTING CLIPS



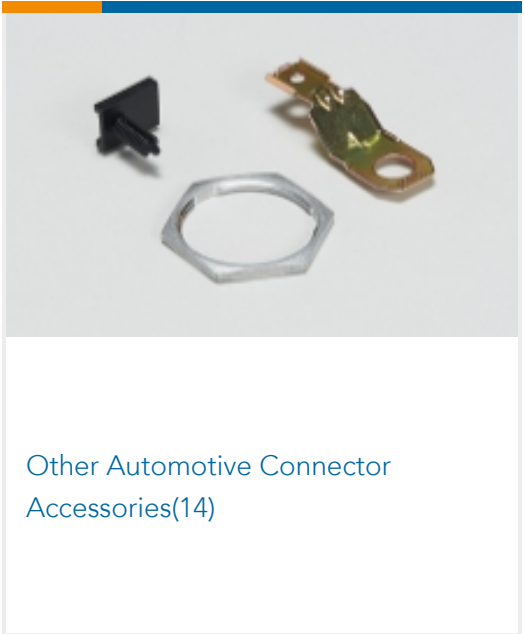
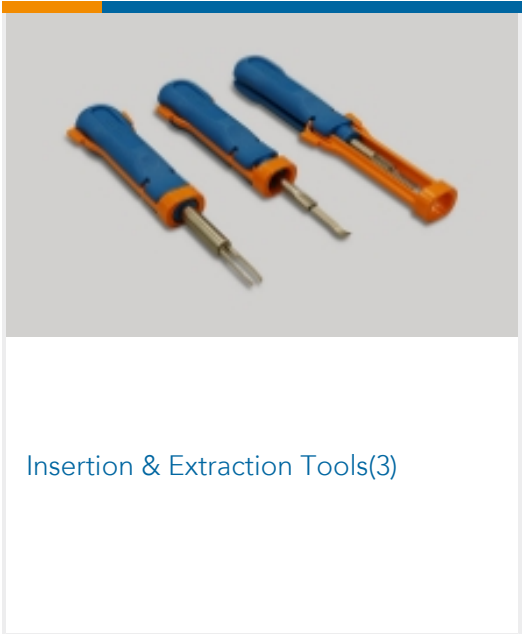
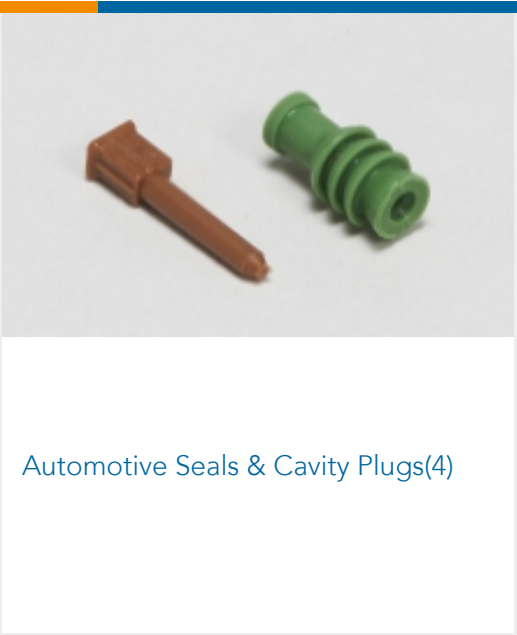
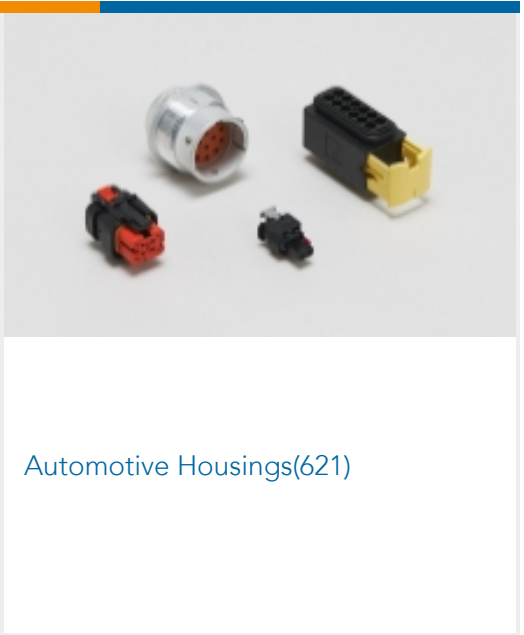
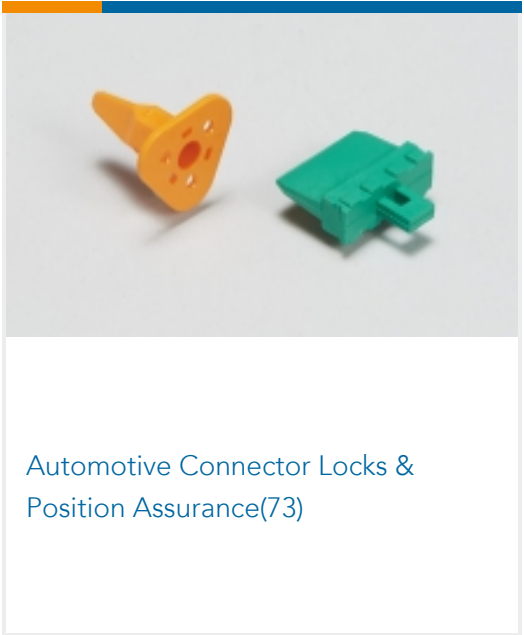
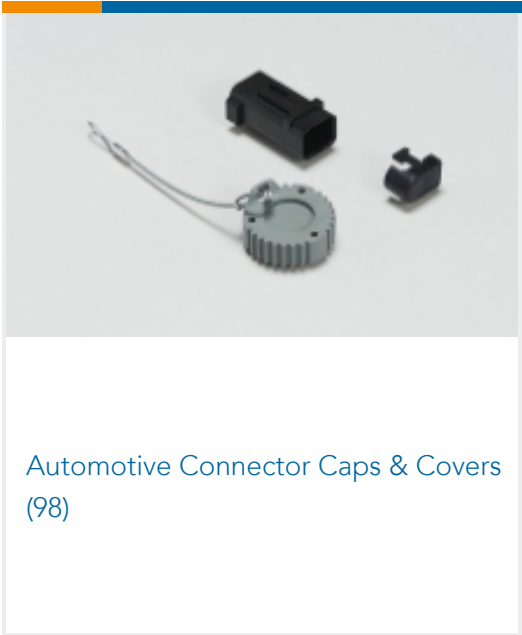
TE Part # 114009-ZZ
EXT TOOL, SIZE 4, 6 AWG, N, WHT



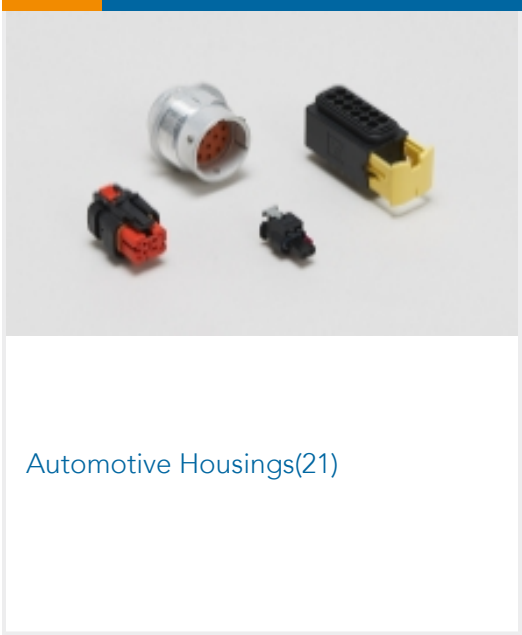
TE Part # 0460-204-0490
PIN, SOLID, SIZE 4, 6AWG, NI



Also in the Series | **DEUTSCH DT**



Also in the Series | **DEUTSCH DTHD**



Customers Also Bought

DTHD04-1-4P

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



TE Part #DTHD04-1-12P
REC, 1P, BLK, N, SIZE 12

TE Part #DRC12-40PA
REC, 40P, BLK, N, FLANGE, A

TE Part #DT06-08SA-P012
PLG, 8P, GRY, N, SEAL RET, A

TE Part #K1128729
Battery Disconnect 35-314-131-S-901

TE Part #YHDP26-24-7SN-CL22
PLG, 7P, BLK, N, 4AWG, THD, 4/16, S

TE Part #YHV280-2PM-P-4MM-D
YHV280-2pm-p-4mm-D

TE Part #4062-001-16141
SOC, SOLID, SIZE 16, 16-18AWG, NI

TE Part #WELDON-VISTA
WELDON-VISTA

TE Part #Y-OK90-3496-000000
DTM06-4S WITH CONTACT AND WEDGE

TE Part #YHV280-2PM-P-4MM-F
HVA280-2PHM, PASS, 4 SQ MM, KEY F

Documents

Product Drawings

REC, 1P, BLK, N, SIZE 4

English

REC, 1P, BLK, N, SIZE 4

English

CAD Files

Customer View Model

ENG_CVM_CVM_DTHD04-1-4P_99.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTHD04-1-4P_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTHD04-1-4P_99.3d_stp.zip

English

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



Datasheets & Catalog Pages
ICT Terminals and Connectors Catalogue
English
CONNECTOR SELECTOR

Product Specifications
Application Specification
English

Product Environmental Compliance
Product Compliance
English
Product Compliance
English