



Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT Series Housings & Connectors



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

Mating Pin Diameter: **1.59 mm [ .063 in ]**

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

Number of Positions: **2**

Centerline (Pitch): **5.46 mm [ .215 in ]**

[All DEUTSCH DT Series Housings & Connectors \(461\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
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

Blank Cavity Position	0
Connector Modification	Shrink Boot Adapter
Connector Seal Code	E Seal
Number of Positions	2
Number of Rows	1

Electrical Characteristics

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

Body Features



Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Mounting Feature	With
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5.46 mm[.215 in]
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Dimensions

Product Width	17.15 mm[.675 in]
Product Length	57.18 mm[2.251 in]
Product Height	17.02 mm[.67 in]
Accepts Wire Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Agency/Standard	SAE J2030
Degree of Protection	IP68, IP6K9K
UL Flammability Rating	12mm Flame Test per Standard UL-94



Packaging Features

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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-SP729  
DEUTSCH SEALING PLUGS




TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS




TE Part # 776364-1  
SEALING PLUG, SZ 20 CAVITY




TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE




TE Part # CAT-D487-W416  
DEUTSCH DT WEDGELOCKS




TE Part # CAT-D487-CH8172  
DEUTSCH DT Series Housings & Connectors



TE Part # CAT-D487-M8649  
DEUTSCH DT MOUNTING CLIPS

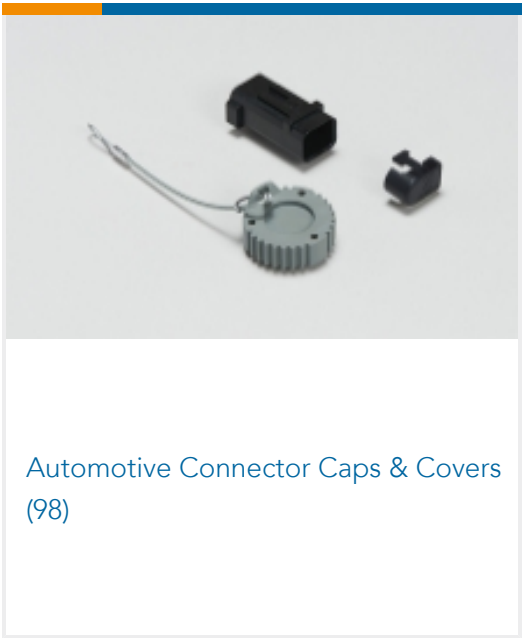


TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16




TE Part # CAT-D48-SFT273  
DEUTSCH STAMPED & FORMED CONTACTS

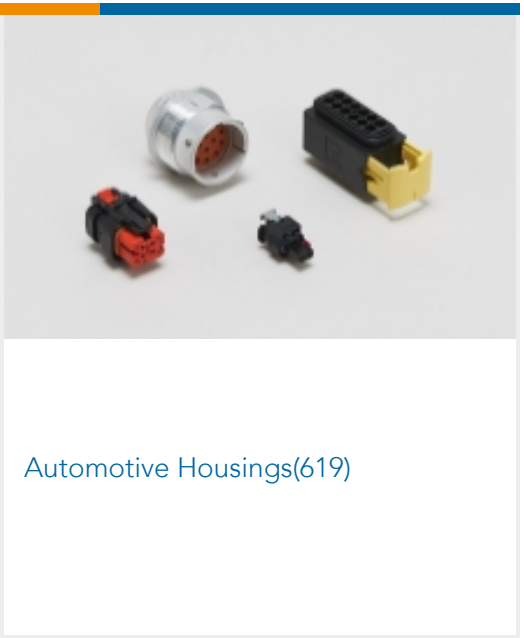
Also in the Series | DEUTSCH DT




Automotive Connector Caps & Covers (98)



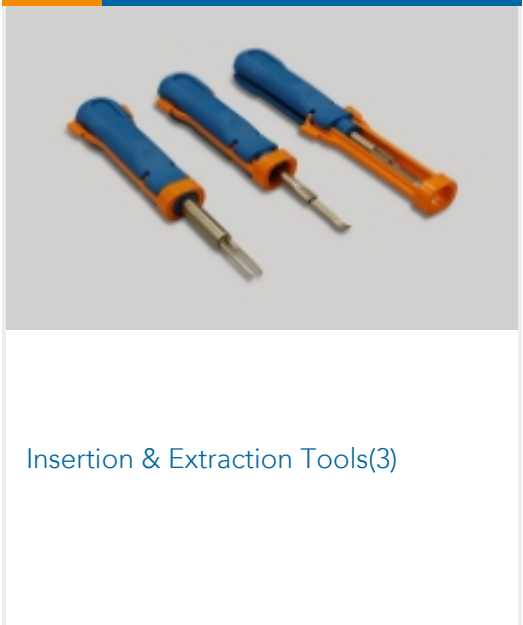
Automotive Connector Locks & Position Assurance(73)



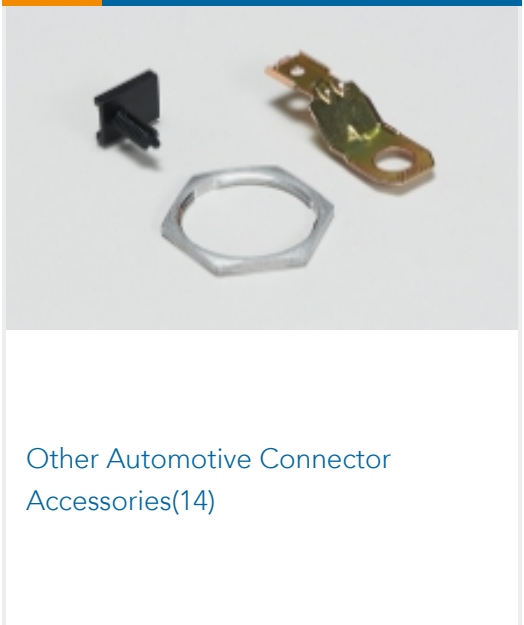
Automotive Housings(619)




Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(106)

Customers Also Bought



TE Part #DRC16-70SBE-P013  
DEUTSCH DRC HOUSINGS

TE Part #DT06-12SA-CE12  
DEUTSCH DT Series Housings & Connectors

TE Part #0528-012-7005  
BKSHL, 70P, BLK, PLG, RA, NO RIB, NW 26

TE Part #K1060489  
Relay 29-113-12

TE Part #2600042-1  
12CCT RECEPT GREY K A W/SMALL SEAL

TE Part #HDP24-18-21PN-L017  
REC, 21P, BLK, N, RNG, 20, P

Documents

Product Drawings  
REC, 2P, BLK, E, XCAP

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_DT04-2P-CE09\_A.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_DT04-2P-CE09\_A.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_DT04-2P-CE09\_A.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

English

Product Specifications  
Application Specification

English



Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English