



DEUTSCH | DEUTSCH DT

TE Internal #: DT04-08PB-E003

Housing for Male Terminals, Wire-to-Wire, 8 Position, .359 in [9.12 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DT

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Receptacle Connectors



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

Number of Positions: **8**

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

Centerline (Pitch): **9.12 mm [.359 in]**

Sealable: **Yes**

[All DEUTSCH DT Receptacle Connectors \(241\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
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

Blank Cavity Position	0
Connector Modification	End Cap
Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 50 V

Body Features

Cable Exit Angle	180°
------------------	------



Primary Product Color	Black
-----------------------	-------

Connector & Keying Code	B
-------------------------	---

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

Terminal Position Assurance	Yes
-----------------------------	-----

Strain Relief	Add By Accessory
---------------	------------------

Mating Alignment Type	Keyed
-----------------------	-------

Mating Alignment	With
------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Housing Material	PA GF
------------------	-------

Centerline (Pitch)	9.12 mm [.359 in]
--------------------	-------------------

Dimensions

Connector Height	23.88 mm [.94 in]
------------------	-------------------

Product Width	36.45 mm [1.435 in]
---------------	---------------------

Product Length	46.94 mm [1.848 in]
----------------	---------------------

Row-to-Row Spacing	4.45 mm [.175 in]
--------------------	-------------------

Compatible Insulation Diameter Range	2.23 – 3.68 mm [.088 – .145 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
---------------------	----------------

Industry Standards

Degree of Protection	IP68, IP6K9K
----------------------	--------------

Agency/Standard	SAE J2030
-----------------	-----------

UL Flammability Rating	12mm Flame Test per Standard UL-94
------------------------	------------------------------------



Packaging Features

Packaging Quantity	300
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

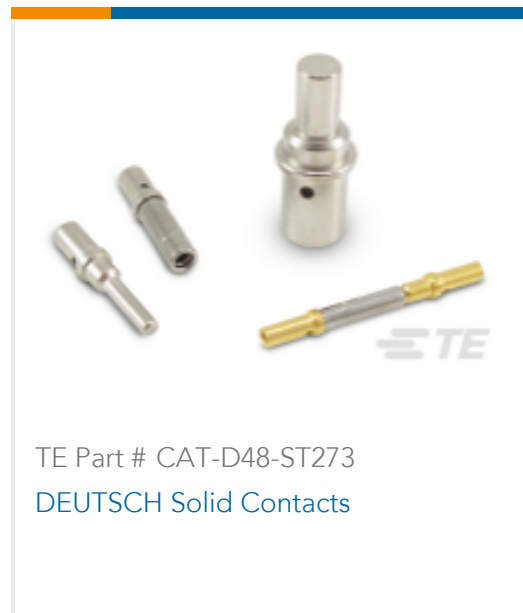
Product Compliance Disclaimer

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>

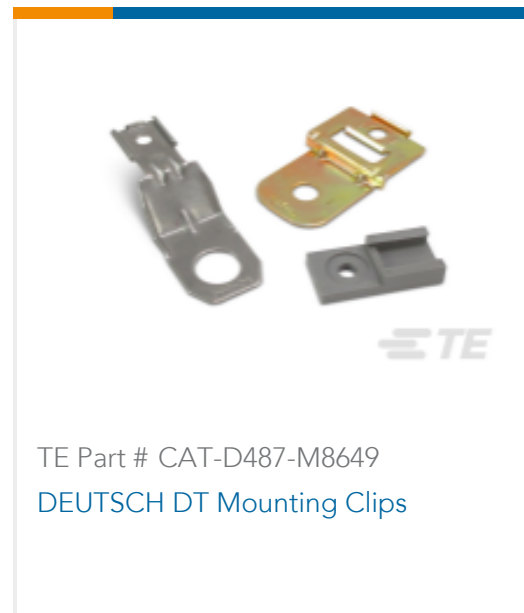
Compatible Parts



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



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



TE Part # W8P
WEDGE LOCK, 8P, REC, GRN, DT



TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



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



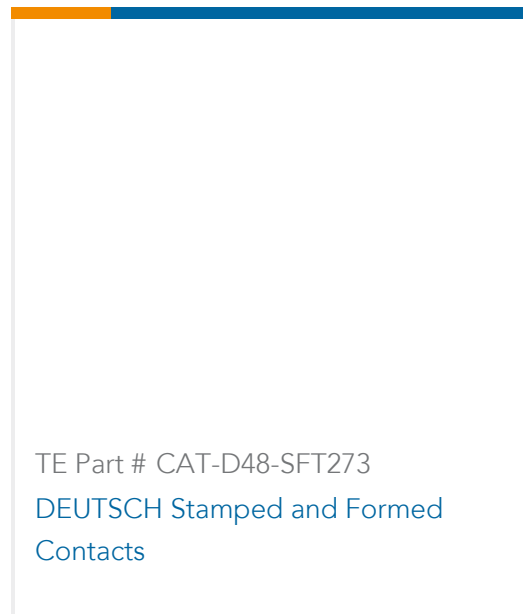
TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # 2300908-1
0460-003-16329, PIN, SOLID, 20-24AWG, AU



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

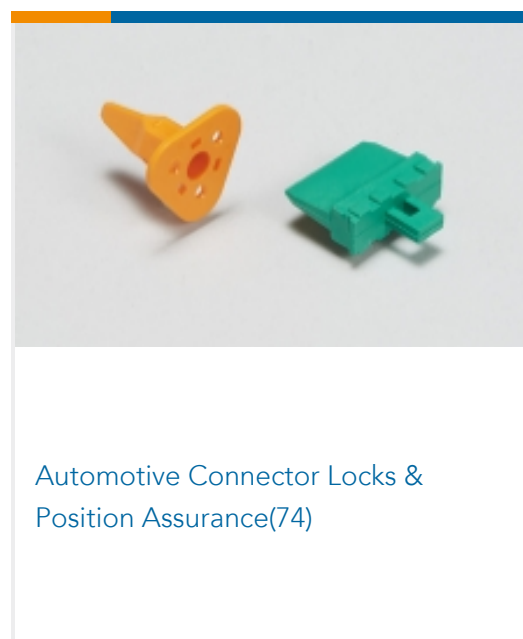


TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts

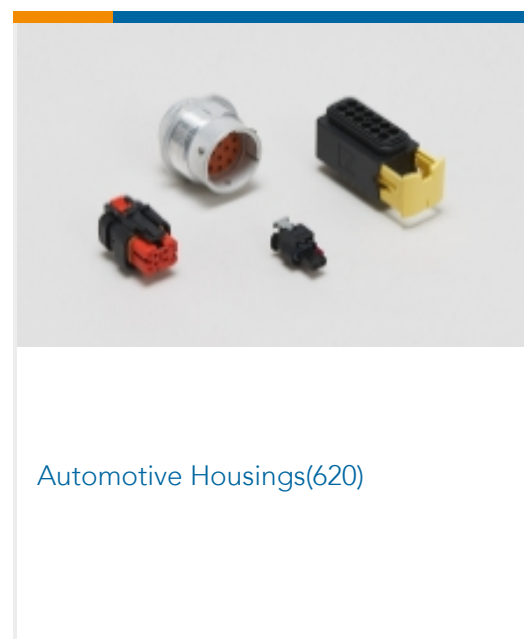
Also in the Series | DEUTSCH DT



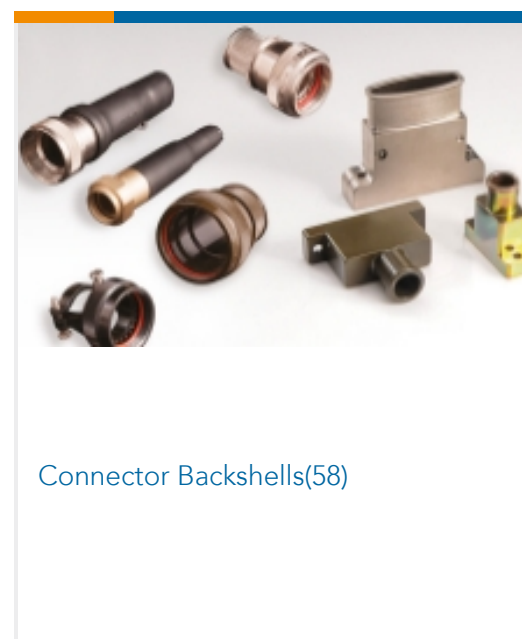
Automotive Connector Caps & Covers (19)



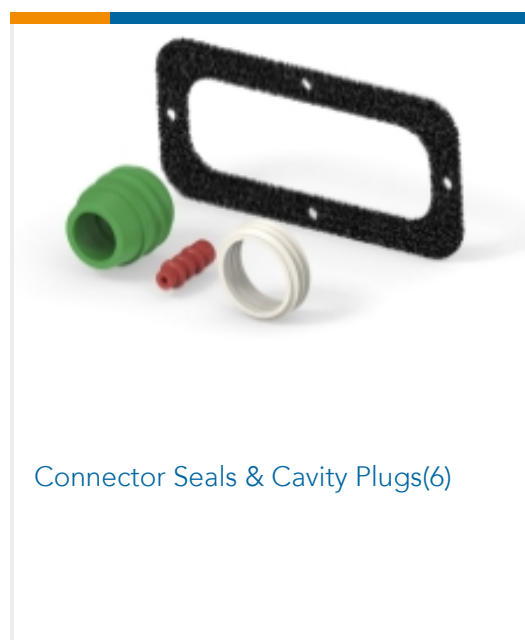
Automotive Connector Locks & Position Assurance (74)



Automotive Housings (620)



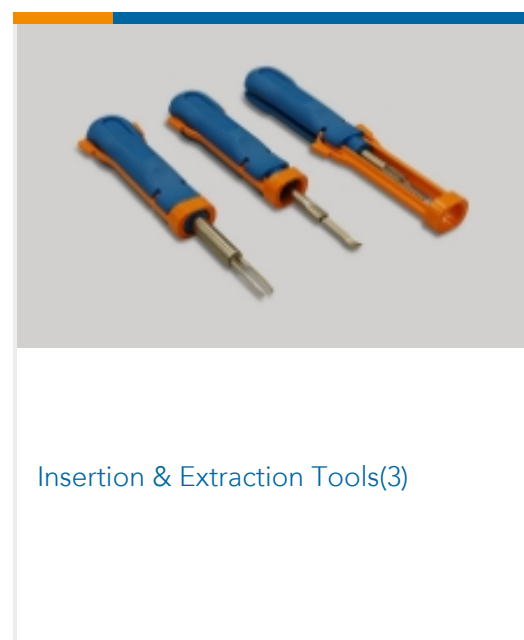
Connector Backshells (58)



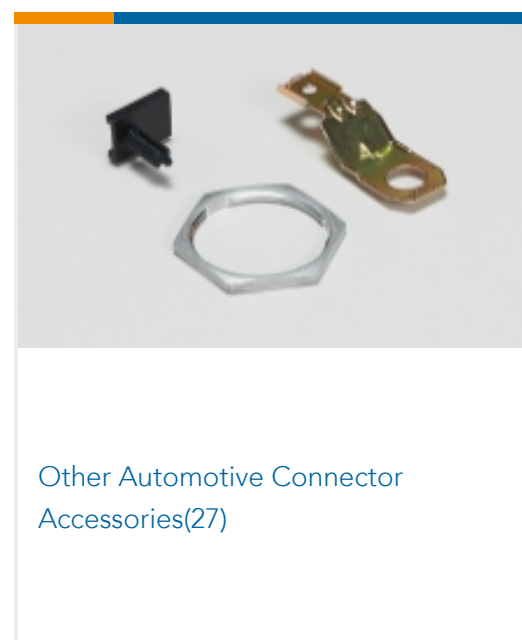
Connector Seals & Cavity Plugs (6)



Connector Strain Relief (28)



Insertion & Extraction Tools (3)



Other Automotive Connector Accessories (27)



PCB Headers & Receptacles(103)

Customers Also Bought



TE Part #DT04-08PA-E003
DEUTSCH DT Receptacle Connectors



TE Part #DT06-6S-EP06
DEUTSCH DT Plug Connectors



TE Part #A-KIT
No Description

Documents

Product Drawings

[REC, 8P, BLK, N, CAP, B](#)

English

[REC, 8P, BLK, N, CAP, B](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DT04-08PB-E003_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-08PB-E003_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-08PB-E003_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

Agency Approvals

UL Report

English