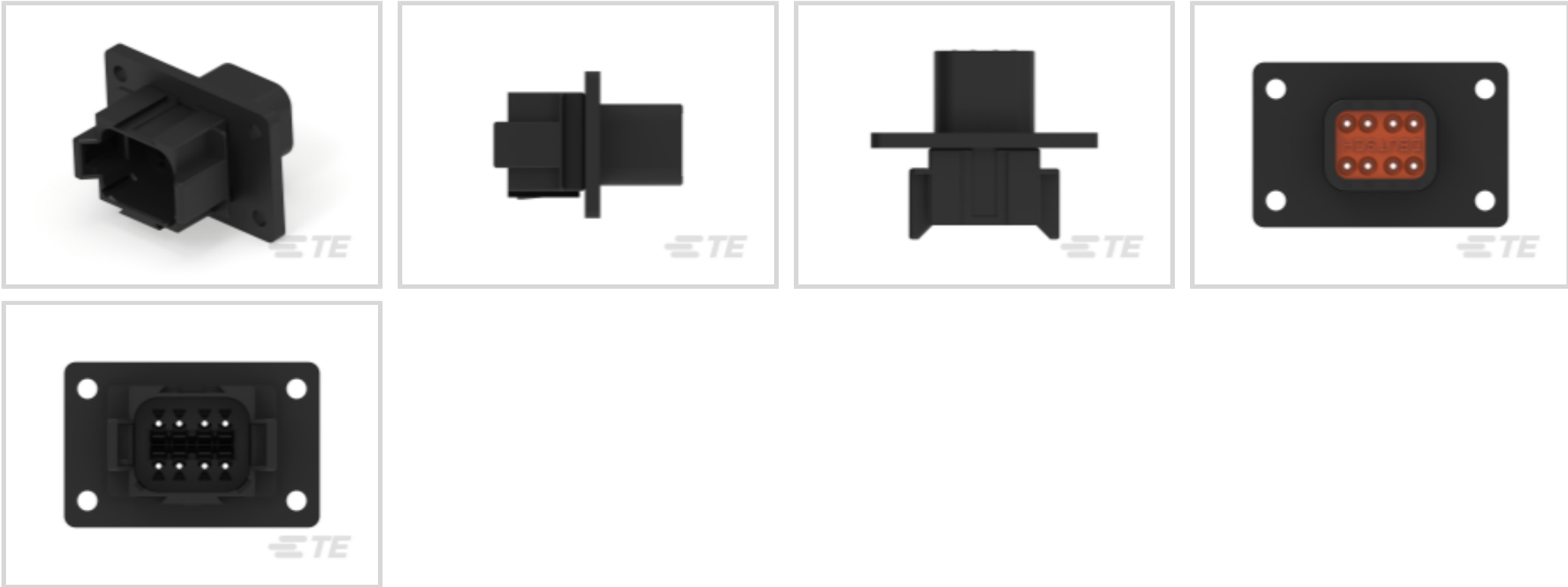




Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH DT Flange Receptacle Connector



Nominal Voltage Architecture: 12 V, 24 V, 48 V

Connector & Housing Type: Housing for Male Terminals

Number of Positions: 8

Sealable: Yes

Operating Temperature Range: -55 – 125 °C [ -67 – 257 °F ]

[All DEUTSCH DT Flange Receptacle Connector \(67\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Number of Positions	8
Number of Rows	2

Electrical Characteristics

--	--



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

Body Features

Cable Exit Angle	180 °
Primary Product Color	Black

Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.6 mm[.062 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA 66 GF15
------------------	------------

Dimensions

Compatible Insulation Diameter Range	2.2 – 3.7 mm[.088 – .145 in]
Product Width	35.5 mm[1.39 in]
Product Length	55 mm[2.16 in]
Connector Height	45.7 mm[1.79 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

IP Rating	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94



Packaging Features

Packaging Quantity	1
Packaging Method	Package

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 1011-246-0805  
BKSHL, 8P, BLK, REC, RA, NW8.5/10/13



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



TE Part # CAT-D48-ST273  
DEUTSCH Connector Solid Contacts



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



TE Part # 1011-027-0805  
CLIP, PA66, GRY, 5.08MM HOLE, ST, DT8PIN



TE Part # DT04-08PA-L012  
REC, 8P, GRY, N, FLANGE, A



TE Part # DT8P-L012-GKT  
GASKET, 8P, BLK, DT/DTM



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



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # 1011-245-0805  
BKSHL, 8P, BLK, REC, ST, NW8.5/10/13



TE Part # DT8P-BT  
BOOT, 8P, REC, ST, GRY



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE




TE Part # DT8P-BT-BK  
BOOT, 8P, REC, ST, BLK


Also in the Series | **DEUTSCH DT**




Automotive Connector Locks & Position Assurance(87)



Automotive Housings(765)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(27)

Customers Also Bought





TE Part #CAT-D48-ST273  
DEUTSCH Connector Solid Contacts



TE Part #DT04-2P  
REC, 2P, GRY, N



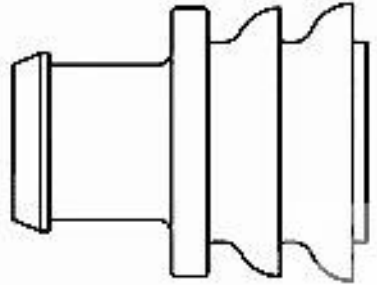
TE Part #DT06-2S  
PLG, 2P, GRY, N



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING

Documents

Product Drawings

REC, 8P, BLK, N, FLANGE, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT04-08PA-LE14\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-08PA-LE14\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-08PA-LE14\_1.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SUPERSEAL 1.0 CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English





[Agency Approvals](#)

[UL Report](#)

English