



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



Connector System: **Wire-to-Panel**
Number of Positions: **6**
Connector & Housing Type: **Receptacle**
Centerline (Pitch): **9.1 mm [.358 in]**
Sealable: **Yes**

[All DEUTSCH DT Receptacle Connectors \(247\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	Welded Flange
Connector Seal Code	E Seal
Number of Positions	6
Number of Rows	3



Electrical Characteristics

Operating Voltage	250 VAC
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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[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

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

Housing Features

Housing Material	PA66 GF15
Centerline (Pitch)	9.1 mm[.358 in]

Dimensions

Connector Height	45.9 mm[1.8 in]
Product Width	35.5 mm[1.39 in]
Product Length	55 mm[2.16 in]
Row-to-Row Spacing	4.45 mm[.175 in]
Compatible Insulation Diameter Range	1.4 – 3.8 mm[.055 – .15 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP68, IP6K9K
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Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Bag

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

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

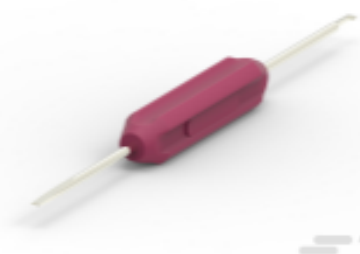
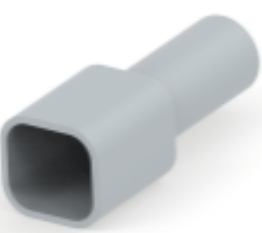
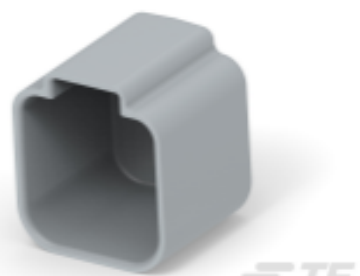
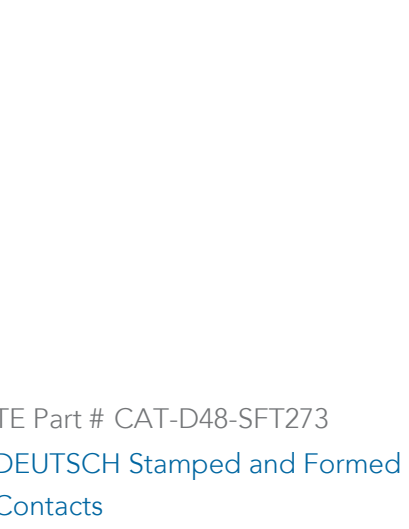
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2023 (233) Does not 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

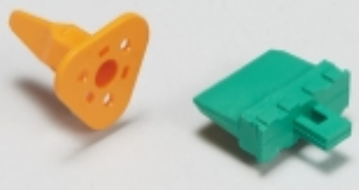
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-J41-DDPC DEUTSCH DT Plug Connectors	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # CAT-D487-B128 DEUTSCH DT Backshells	 TE Part # W6P WEDGE LOCK, 6P, REC, GRN, DT
 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts	 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE	 TE Part # DT6P-BT BOOT, 6P, REC, ST, GRY
 TE Part # DT6P-BT-BK BOOT, 6P, REC, ST, BLK	 TE Part # 2300908-1 0460-003-16329, PIN, SOLID, 20-24AWG, AU	 TE Part # DT6P-DC PROTECT CVR, 6P, REC, GRY, DT	 TE Part # 776364-1 SEALING PLUG, SZ 20 CAVITY
 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(87)	 Automotive Housings(705)	 Connector Backshells(61)
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Connector Seals & Cavity Plugs(6)

Connector Strain Relief(28)

Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(28)

PCB Headers & Receptacles(106)

Customers Also Bought

TE Part #HDP26-24-18SN
DEUTSCH HDP20 Housings

TE Part #DT04-3P-CL06
REC, 3P, BLK, E, FLANGE

TE Part #DT06-6S-CE02
DEUTSCH DT Plug Connectors

TE Part #W6S
Wedgelocks: DEUTSCH DT

TE Part #1-2106431-4
Connector, SMT-IDC PASS THRU, 4
POS, 20

TE Part #776275-2
8POS,PIN DIA 1.3,HDR ASSY,180DEG,
COD 2

TE Part #9-2337030-2
FLAP,ASSY COMBO 2, RIGHT
COD 2

Documents

Product Drawings
REC, 6P, BLK, E, FLANGE

English

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_DT04-6P-CL06_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_DT04-6P-CL06_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-6P-CL06_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