



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



Connector System: **Wire-to-Wire**
Number of Positions: **2**
Connector & Housing Type: **Housing for Male Terminals**
Centerline (Pitch): **5.46 mm [.215 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
Number of Positions	2
Number of Rows	1

Electrical Characteristics

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

Cable Exit Angle	180°
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Primary Product Color	Black
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Contact Features

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

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

Housing Material	PA GF
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Centerline (Pitch)	5.46 mm[.215 in]
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Dimensions

Connector Height	17.02 mm[.67 in]
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Product Width	17.15 mm[.675 in]
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Product Length	57.18 mm[2.251 in]
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Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

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

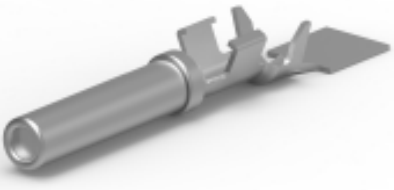
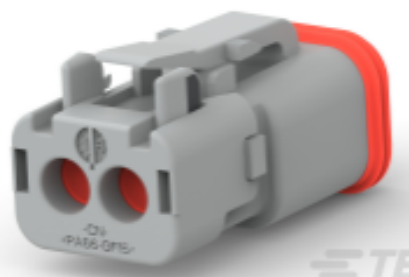
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

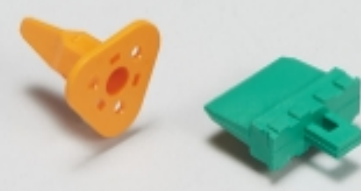
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-D487-W416 WedgeLocks: DEUTSCH DT	 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # CAT-J41-DDPC DEUTSCH DT Plug Connectors
 TE Part # CAT-D487-M8649 DEUTSCH DT Mounting Clips	 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts	 TE Part # 1924487-2 MOUNTING CLIP, AMPSEAL 16	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE
 TE Part # 2300908-1 0460-003-16329, PIN, SOLID, 20-24AWG, AU	 TE Part # 1-2303815-1 DT06-2S-TE31, PLG, 2P, GRY, E, SNAPCAP	 TE Part # 1-2303815-4 DT06-2S-TE32, PLG, 2P, BLK, E, SNAPCAP	 TE Part # 2-2303815-1 DT06-2S-TE81, PLG, 2P, GRY, E, SNAPXCAP
 TE Part # 2-2303815-3 DT06-2S-TN82, PLG, 2P, BLK, N, SNAPXCAP	 TE Part # DT06-2S-CE02 PLG, 2P, BLK, E	 TE Part # CAT-D48-SFT273 DEUTSCH Stamped and Formed Contacts	

Also in the Series | DEUTSCH DT

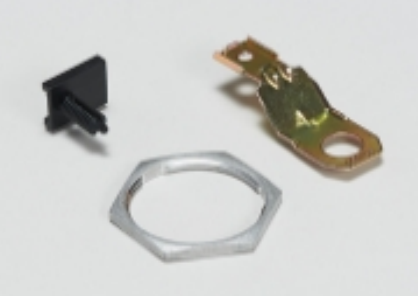
 Automotive Connector Caps & Covers (47)	 Automotive Connector Locks & Position Assurance(74)	 Automotive Housings(620)	 Connector Backshells(58)
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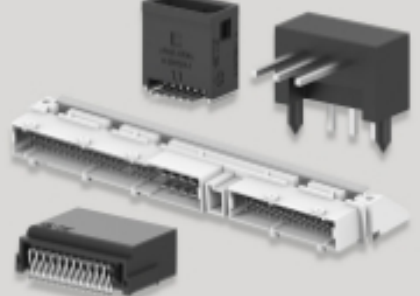
Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(27)



PCB Headers & Receptacles(103)

Customers Also Bought



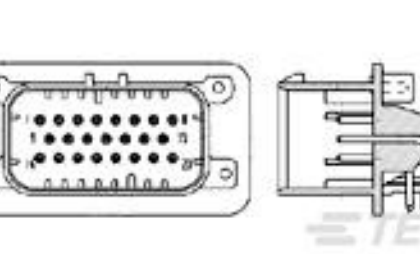
TE Part #W2S-P012
WEDGE LOCK, 2P, PLG, GRN, SL RET, DT



TE Part #1676625-9
HSA25 5K6 5%



TE Part #7-2176412-6
5W XSM M/OX 5% 6K8



TE Part #1-776280-1
8POS, PIN DIA 1.3, HDR ASSY, 90DEG, COD 1



TE Part #316838-1
040-3 REC CONTACT M PRE-TIN



TE Part #1-2303812-3
DT04-2P-TN32, REC, 2P, BLK, N, SNAPCAP



TE Part #2-2303816-2
DT06-3S-TN81, PLG, 3P, GRY, N, SNAPXCAP



TE Part #2-2303815-1
DT06-2S-TE81, PLG, 2P, GRY, E, SNAPXCAP



TE Part #2-2303815-2
DT06-2S-TN81, PLG, 2P, GRY, N, SNAPXCAP



TE Part #1478768-2
ANTI-VIB NYLON GLD 16MM GREY

Documents

Product Drawings

DT04-2P-TN82, REC, 2P, BLK, N, SNAPXCAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2303812-3_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-2303812-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2303812-3_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English