



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



Number of Positions: 12

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

Mating Pin Diameter: 1.5 mm [.06 in]

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

Centerline (Pitch): 8.9 mm [.35 in]

[All DEUTSCH DT Receptacle Connectors \(230\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Seal Code	E Seal, N Seal
Number of Positions	12
Number of Rows	2



Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Cable Exit Angle	180°
Primary Product Color	Green
Connector & Keying Code	C

Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.5 mm[.06 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	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66 GF15
Centerline (Pitch)	8.9 mm[.35 in]

Dimensions

Row-to-Row Spacing	4.45 mm[.175 in]
Compatible Insulation Diameter Range	1.3 – 3 mm[.053 – .12 in]
Product Width	40.5 mm[1.59 in]
Product Length	58.2 mm[2.29 in]
Connector Height	22.2 mm[.874 in]
Wire Size	20 – 14 AWG

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

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

Packaging Features

Packaging Quantity	1
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27519632261) Decamethylcyclopentasiloxane (D5) (.5% in 27519632261) Octamethylcyclotetrasiloxane (D4) (.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

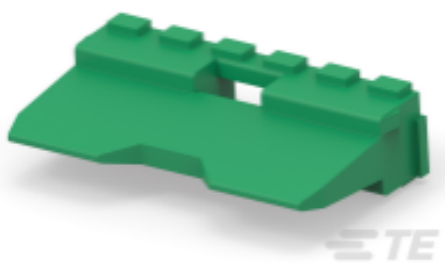
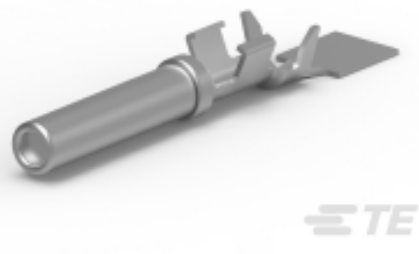
Product Compliance Disclaimer

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

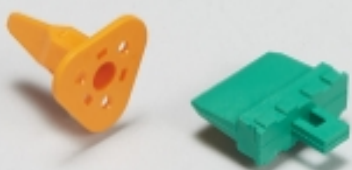


materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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

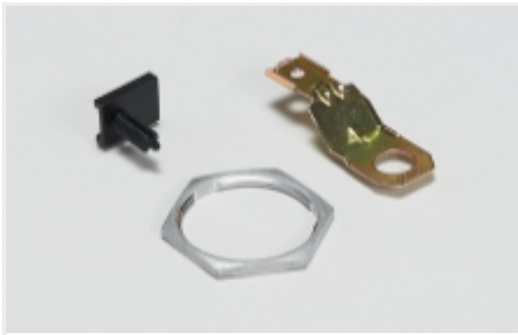
 TE Part # W12P WEDGE LOCK, 12P, REC, GRN, DT	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # CAT-J41-DDPC DEUTSCH DT Plug Connectors	 TE Part # CAT-D487-M8649 DEUTSCH DT Mounting Clips
 TE Part # CAT-D48-SFT273 DEUTSCH Stamped and Formed Contacts	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE	 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # 2300908-1 0460-003-16329, PIN, SOLID, 20-24AWG, AU
 TE Part # 1924487-2 MOUNTING CLIP, AMPSEAL 16	 TE Part # CAT-D487-P729 Dust Caps — DEUTSCH DT	 TE Part # DT06-12SC-CE18 PLG 12P, GRN, E, SEAL RET, ENH KEY, RCAP, C	 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts

Also in the Series | DEUTSCH DT

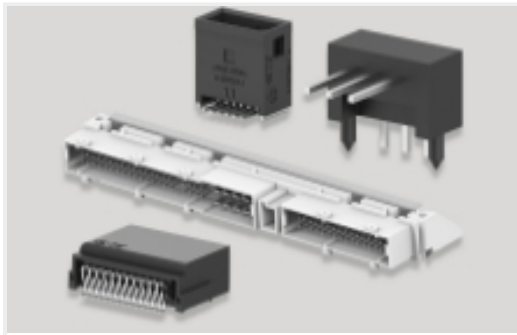
 Automotive Connector Locks & Position Assurance(90)	 Automotive Housings(736)	 Connector Caps & Covers(1)	 Connector Seals & Cavity Plugs(18)
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Connector Strain Relief(31)



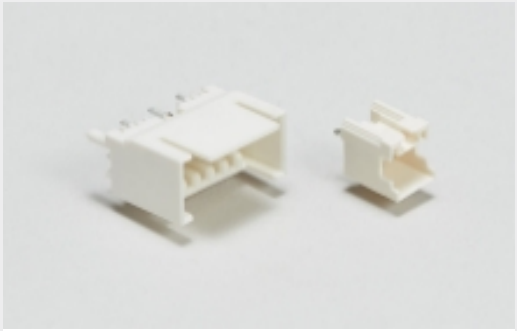
Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(107)

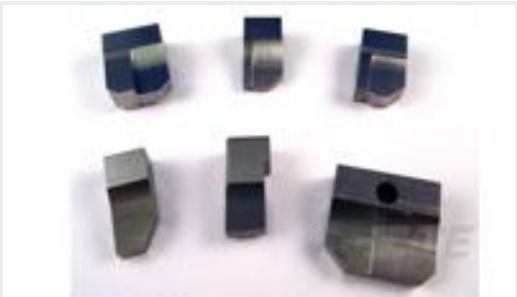


Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles (106)

Customers Also Bought



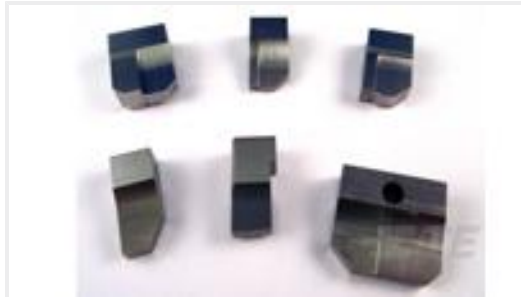
TE Part #464291-5
ANVIL, SAND-BLASTED 12-10



TE Part #788189-2
CPC 17-3 RCPT ASY,REV SEX



TE Part #1-1633961-2
CRIMPER, INSULATION F PREMIUM



TE Part #4-1633932-0
ANVIL, COMBINATION



TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #YHV280-2PM-P-4MM-B
HVA280-2phm,pass,4sqmm,Key B



TE Part #2103013-3
CABLE SEAL RETAINER, SIZE 2, OR, HVA280



TE Part #2208669-3
8MM HV, CONTACT,ASSY



TE Part #2177090-3
STEEL,OUTER FERRULE,8MM HV, 25SQMM



TE Part #1587940-3
CABLE SEAL RETAINER, SIZE C

Documents



Product Drawings

DT04-12PC-CE04, REC, 12P, GRN, XCAP, C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2323768-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2323768-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2323768-3_C.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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English