



DEUTSCH | DEUTSCH DT

TE Internal #: DT04-12PB-P021
12 Position Housing, Housing for Male Terminals, Bus Bar-to-Wire,
4.44 mm [.175 in] Centerline, Sealable, Black, Bus Bar / Wire &
Cable, DEUTSCH DT

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



Number of Positions: 12
Connector & Housing Type: Housing for Male Terminals
Mating Pin Diameter: 1.59 mm [.063 in]
Connector System: Bus Bar-to-Wire
Centerline (Pitch): 4.44 mm [.175 in]

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

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	(1) 12 Pin Buss
Number of Positions	12
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°
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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

Strain Relief	Add By Accessory
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Bus Bar Mount

Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.44 mm[.175 in]

Dimensions

Row-to-Row Spacing	4.45 mm[.175 in]
Product Width	40.56 mm[1.597 in]
Product Length	51.89 mm[2.043 in]
Connector Height	22.25 mm[.876 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

IP Rating	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	Not Tested

Packaging Features

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Packaging Quantity	250
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 34416568802) Decamethylcyclopentasiloxane (D5) (.5% in 34416568802) Octamethylcyclotetrasiloxane (D4) (.5% in 34416568802) 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 # 1924487-2
MOUNTING CLIP, AMPSEAL 16



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # CAT-D487-P729
Dust Caps — DEUTSCH DT



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



TE Part # CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors



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




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


Also in the Series | **DEUTSCH DT**




Automotive Connector Locks & Position Assurance(92)



Automotive Housings(736)



Connector Caps & Covers(1)



Connector Seals & Cavity Plugs(18)



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 #CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors



TE Part #DT06-12SB
PLG, 12P, BLK, N, B



TE Part #TCX38725102-004
RPC-M12X-8MS-3.0SH-RJ45-8MS-PUR



TE Part #4828-007-8605
BKSHL, 86P, BLK, VERTICAL, DRCP



TE Part #1027-003-1200
CLIP, SS, 11MM HOLE, ST



TE Part #DRC16-24SA-P013
PLG, 24P, BLK, N, SEAL BOND, A

Documents

Product Drawings

REC, 12P, BLK, BUSBAR 1X12, NICKEL, B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT04-12PB-P021_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT04-12PB-P021_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT04-12PB-P021_A.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications



Application Specification

English

Agency Approvals

UL Report

English