



DEUTSCH | DEUTSCH DT

TE Internal #: DT04-12PB-P021

DEUTSCH DT, Housing for Male Terminals, Bus Bar-to-Wire, 12 Position, 9.12mm [.359in] Centerline, Sealable, Black, Bus Bar / Wire & Cable

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT HOUSINGS



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

Mating Pin Diameter: **1.59 mm [.063 in]**

Connector System: **Bus Bar-to-Wire**

Number of Positions: **12**

Centerline (Pitch): **9.12 mm [.359 in]**

[All DEUTSCH DT HOUSINGS \(424\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Number of Positions	12
Number of Rows	2

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

Connector Code	B
Contact Features	
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A
Mechanical Attachment	
Mounting Feature	With
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Connector Mounting Type	Cable Mount (Free-Hanging), Fixing Screw
Housing Features	
Centerline (Pitch)	9.12 mm[.359 in]
Dimensions	
Product Width	40.56 mm[1.597 in]
Product Length	51.89 mm[2.043 in]
Product Height	22.25 mm[.876 in]
Row-to-Row Spacing	4.45 mm[.175 in]
Usage Conditions	
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
Agency/Standard	SAE J2030
Degree of Protection	IP68, IP6K9K
UL Flammability Rating	12mm Flame Test per Standard UL-94
Packaging Features	
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: JUN 2020 (209) Candidate List Declared Against: JAN 2018 (181) 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-D487-CH8172
DEUTSCH DT HOUSINGS



TE Part # CAT-D487-M8649
DEUTSCH DT MOUNTING CLIPS



TE Part # CAT-AM7801-M8649
AMPSEAL 16 MOUNTING CLIPS



TE Part # CAT-D487-P729
DEUTSCH DT DUST CAPS

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (71)



Automotive Connector Locks & Position Assurance(62)



Automotive Headers(83)



Automotive Housings(563)



Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(13)

Customers Also Bought



TE Part #DT04-6P-EP13
DEUTSCH DT HOUSINGS



TE Part #1011-348-0805
DEUTSCH DT DUST CAPS



TE Part #114018-ZZ
DEUTSCH SEALING PLUGS



TE Part #1027-003-1200
DEUTSCH DT MOUNTING CLIPS



TE Part #1060-16-0988
DEUTSCH STAMPED & FORMED CONTACTS

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_99_c-dt04-12pb-p021-99.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_DT04-12PB-P021_99_c-dt04-12pb-p021-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-12PB-P021_99_c-dt04-12pb-p021-99.3d_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