



DEUTSCH | DEUTSCH DT

TE Internal #: DT04-12PA-P021

DEUTSCH DT, Housing for male terminals, Bus Bar-to-Wire, 12 Position, 9.12mm [.359in] Centerline, Sealable, Gray, Power & Signal, Code A

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > DEUTSCH DT HOUSINGS



Connector Style: **Housing for male terminals**

Mating Pin Diameter: **1.59 mm [.0625 in]**

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

Number of Positions: **12**

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

[All DEUTSCH DT HOUSINGS \(422\)](#)

Features

Product Type Features

Connector Style	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
Strain Relief	Add By Accessory
Row-to-Row Spacing	4.45 mm[.175 in]

Configuration Features

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

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
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Body Material	PA GF
Color	Gray
Connector Code	A
Contact Features	
Mating Pin Diameter	1.59 mm[.0625 in]
Contact Current Rating (Max)	13 A
Mechanical Attachment	
Terminal Position Assurance	Yes
Mounting Feature	With
Connector Mounting Type	Cable Mount (Free-Hanging), Fixing Screw
Polarized	Yes
Housing Features	
Centerline (Pitch)	9.12 mm[.359 in]
Dimensions	
Height	22.25 mm[.876 in]
Length	51.89 mm[2.043 in]
Width	40.56 mm[1.597 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
Degree of Protection	IP68
Agency/Standard	SAE J2030
UL Flammability Rating	20mm Flame Test per Standard UL-94
Packaging Features	
Packaging Method	Box
Packaging Quantity	250
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: JUL 2019 (201) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2018 (181)
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 Model / Part # CAT-D487-M8649
DEUTSCH DT MOUNTING CLIPS

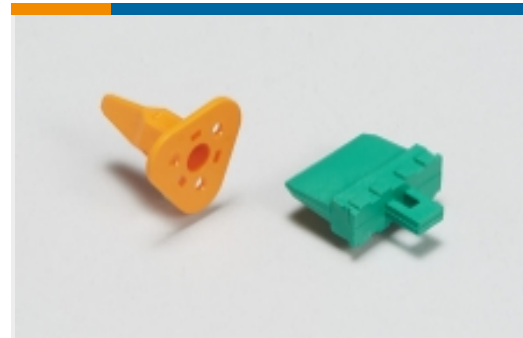


TE Model / Part # CAT-D487-CH8172
DEUTSCH DT HOUSINGS

Also in the Series | DEUTSCH DT



Automotive Connector
Caps & Covers(57)



Automotive Connector
Locks & Position Assurance
(62)



Automotive Seals & Cavity
Plugs(4)



Automotive, Truck, Bus, &
Off-Road Headers(79)



Automotive, Truck, Bus, &
Off-Road Housings(556)



Other Automotive
Connector Accessories(12)

Documents

Product Drawings

REC, 12P, GRY, BUSBAR 1X12, NICKEL, A

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_DT04-12PA-P021_99_c-dt04-12pa-p021-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-12PA-P021_99_c-dt04-12pa-p021-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-12PA-P021_99_c-dt04-12pa-p021-99.3d_stp.zip](#)

English

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification



English