

DTV02-18PB-P055

✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DTV02-18PB-P055

12 V / 24 V, 18 Position, Automotive Housing for Male Terminals,
Wire-to-Wire, 4.44 mm [.175 in] Centerline, Sealable, Black, Wire &
Cable, DEUTSCH DT

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Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V, 24 V
Connector & Housing Type: **Housing for Male Terminals**
Number of Positions: **18**
Sealable: **Yes**
Operating Temperature Range: -55 – 125 °C [-67 – 257 °F]

Features

Product Type Features

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

Configuration Features

Number of Positions	18
Number of Rows	3

Electrical Characteristics

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

Body Features

Cable Exit Angle	180 °
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	With
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Row-to-Row Spacing	7.62 mm[.3 in]
Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
Product Width	81.12 mm[3.194 in]
Product Length	63.37 mm[2.495 in]
Connector Height	45.36 mm[1.786 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	Not Tested
UL Flammability Rating	Not Tested



Packaging Features

Packaging Quantity	96
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in Component) Decamethylcyclopentasiloxane (D5) (.5% in Component) Octamethylcyclotetrasiloxane (D4) (.5% in Component) 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 # DTV06-18SB PLG, 18P, BLK, N, B	 TE Part # DTV02-18PB REC, 18P, BLK, N, FLANGE, B	 TE Part # DTV06-18SB-C032 PLG, 18P, BLK, N, 7-12 BLOCKED, B	 TE Part # DTV18P-BT-BK BOOT, 18P, REC, ST, BLK
 TE Part # CAT-D48-ST273 DEUTSCH Connector Solid Contacts	 TE Part # 2298136-2 DTV06-18SB-C043, PLG, 18P, BLK, N, BLU GROM, B	 TE Part # CAT-D48-SFT273 DEUTSCH Connector Stamped and Formed Contacts - Reel	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE
 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # DTV06-18SB-C015 PLG, 18P, BLK, E, B		

Also in the Series | DEUTSCH DT

 Automotive Connector Caps & Covers (124)	 Automotive Housings(765)	 Other Automotive Connector Accessories(27)	 Rectangular Connector Housings(1)
 Standard Rectangular Connectors(1)	 Wire-to-Board Connector Assemblies & Housings(1)		



Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



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



TE Part #CAT-D487-W416
WedgeLocks: DEUTSCH DT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents

Product Drawings
REC, 18P, BLK, N, FLANGE, NO INSERTS, B
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_DTV02-18PB-P055_99_c-dtv02-18pb-p055-99.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_DTV02-18PB-P055_99_c-dtv02-18pb-p055-99.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_DTV02-18PB-P055_99_c-dtv02-18pb-p055-99.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages
TERMINALS AND CONNECTORS
English

Product Specifications
Application Specification
English
Application Specification



English