

# DTV02-18PB ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DTV02-18PB

Housing for Male Terminals, Wire-to-Wire, 18 Position, .175 in [4.45 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DT

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



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

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

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

Number of Positions: **18**

Centerline (Pitch): **4.45 mm [ .175 in ]**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	18
Number of Rows	3

### Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 28 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

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

### Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.45 mm[.175 in]

### Dimensions

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

Degree of Protection	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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 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 # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



TE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts



TE Part # 2298136-2  
DTV06-18SB-C043, PLG, 18P, BLK, N, BLU GROM, B



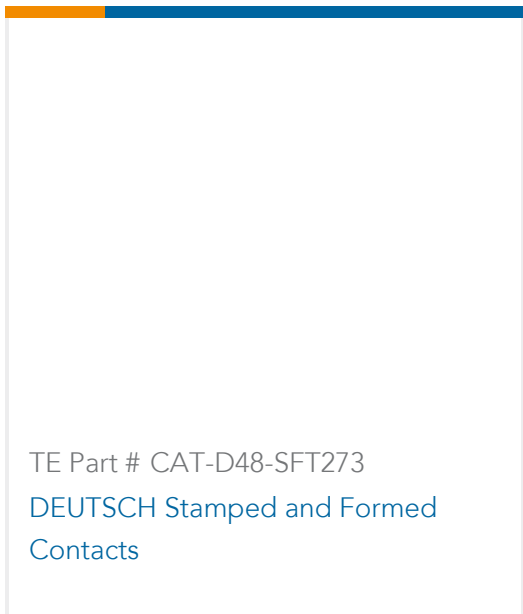
TE Part # DTV06-18SB  
PLG, 18P, BLK, N, B



TE Part # DTV06-18SB-C015  
PLG, 18P, BLK, E, B



TE Part # DTV18P-BT-BK  
BOOT, 18P, REC, ST, BLK

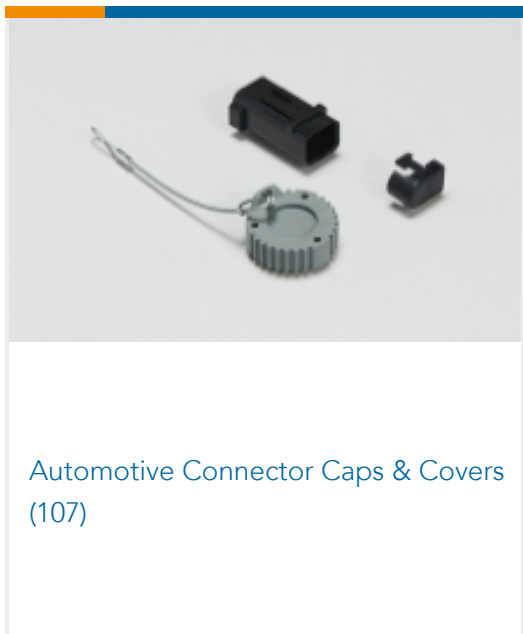


TE Part # CAT-D48-SFT273  
DEUTSCH Stamped and Formed Contacts



TE Part # DTV06-18SB-C032  
PLG, 18P, BLK, N, 7-12 BLOCKED, B

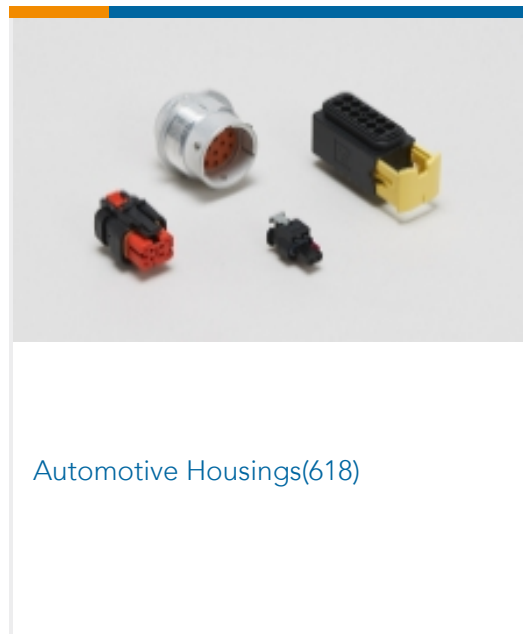
Also in the Series | DEUTSCH DT



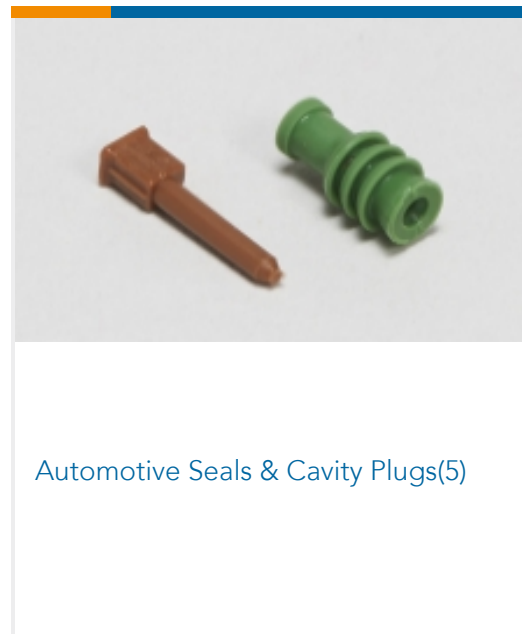
Automotive Connector Caps & Covers (107)



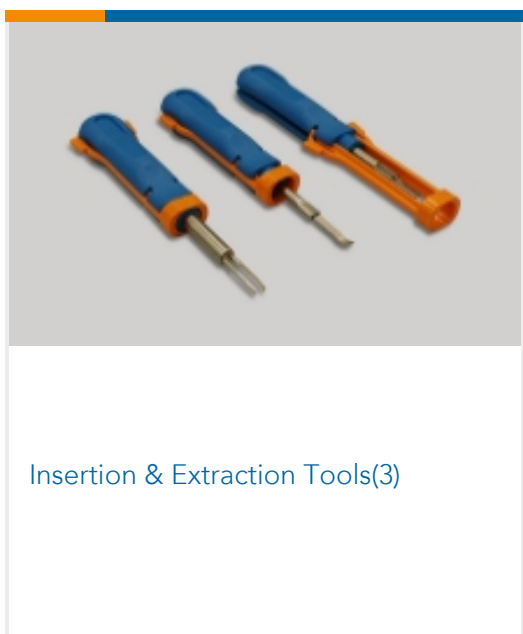
Automotive Connector Locks & Position Assurance (74)



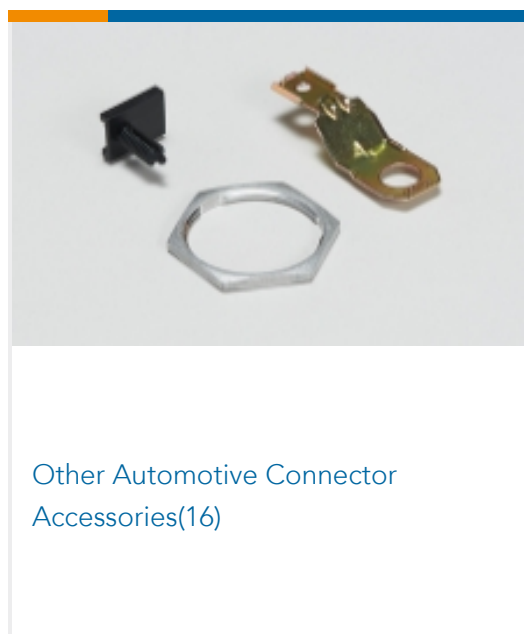
Automotive Housings (618)



Automotive Seals & Cavity Plugs (5)



Insertion & Extraction Tools (3)



Other Automotive Connector Accessories (16)

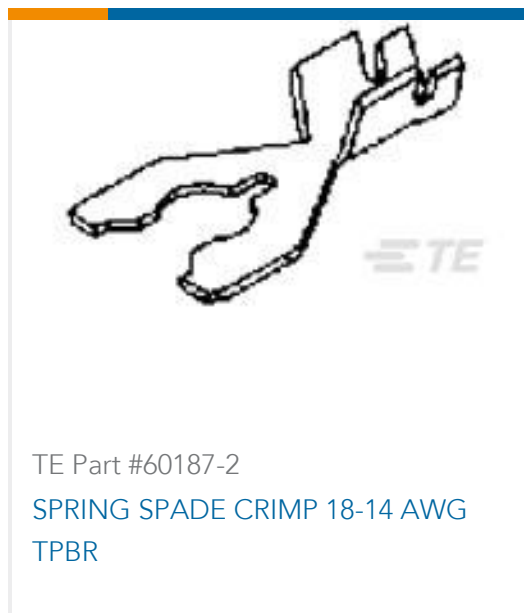


PCB Headers & Receptacles (102)

Customers Also Bought



TE Part # WB-60SB  
WEDGE LOCK, 60P, PLG, BLK, DRB, B



TE Part # 60187-2  
SPRING SPADE CRIMP 18-14 AWG TPBR



TE Part # DRB16-60SBE-L018  
PLG, 60P, BLK, E, CAP, B



TE Part # DTV06-18SA  
PLG, 18P, GRY, N, A





TE Part #DTV06-18SB  
PLG, 18P, BLK, N, B



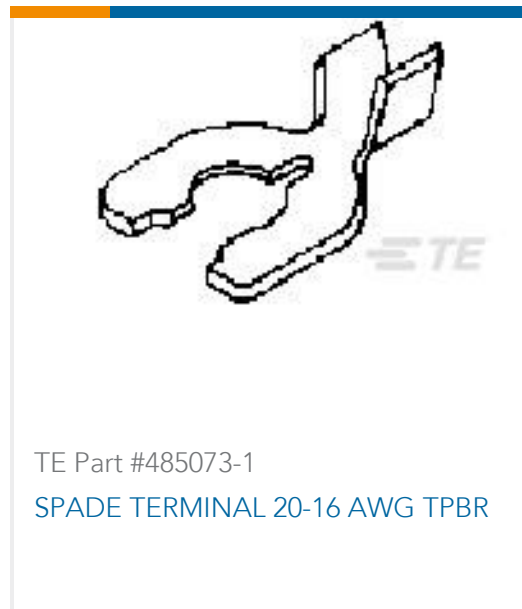
TE Part #DTV02-18PA  
REC, 18P, GRY, N, FLANGE, A



TE Part #WV-18S  
WEDGE LOCK, 18P, PLG, GRN, DTV



TE Part #WV-18P  
WEDGE LOCK, 18P, REC, GRN, DTV



TE Part #485073-1  
SPADE TERMINAL 20-16 AWG TPBR



TE Part #505872P034  
VERSAFIT-3/16-0-0.9375IN

## Documents

### Product Drawings

[REC, 18P, BLK, N, FLANGE, B](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_DTV02-18PB\\_99.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DTV02-18PB\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTV02-18PB\\_99.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)



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[Product Compliance](#)

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