

# DTV06-18SA ✓ ACTIVE

DEUTSCH | DEUTSCH DTV, DEUTSCH DT

TE Internal #: DTV06-18SA

18 Position Housing, Housing for Female Terminals, Wire-to-Wire, 4.44 mm [.175 in] Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Number of Positions: **18**

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

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

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

Centerline (Pitch): **4.44 mm [.175 in]**

## Features

### Industry Standards

IP Rating	Not Tested
UL Flammability Rating	Not tested

### Dimensions

Row-to-Row Spacing	7.62 mm[.3 in]
Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
Product Width	53.54 mm[2.108 in]
Product Length	35.69 mm[1.405 in]
Connector Height	35.98 mm[1.417 in]

### Packaging Features

Packaging Quantity	200
Packaging Method	Box

### Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)



### Other

Serviceable	Yes
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	250 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	A

### Housing Features

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

### Contact Features

Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.59 mm [.063 in]
Contact Current Rating (Max)	13 A

### Product Type Features

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

### Configuration Features

Number of Positions	18
Number of Rows	3

### 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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**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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) <b>Article Safe Usage Statements:</b> 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>

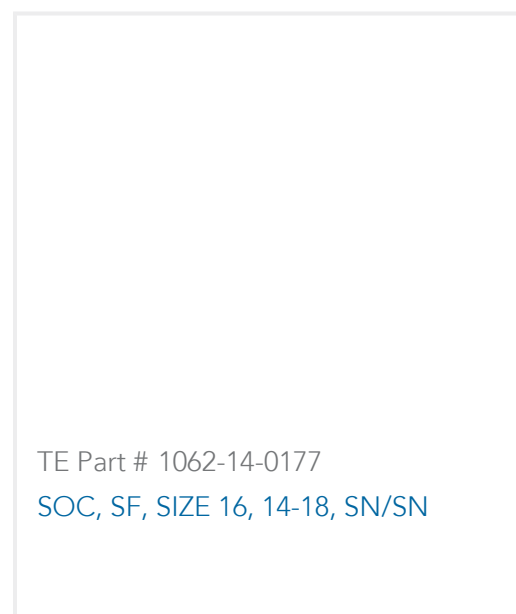
**Compatible Parts**



TE Part # DTV02-18PA-C015  
REC, 18P, GRY, E, FLANGE, A



TE Part # DTV18S-BT-BK  
BOOT, 18P, PLG, ST, BLK



TE Part # 1062-14-0177  
SOC, SF, SIZE 16, 14-18, SN/SN



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



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



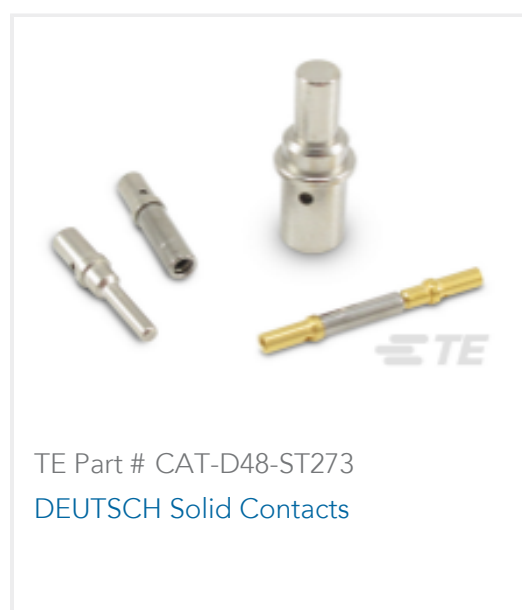
TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # DTV02-18PA-P055  
REC, 18P, GRY, N, FLANGE, NO  
INSERTS, A

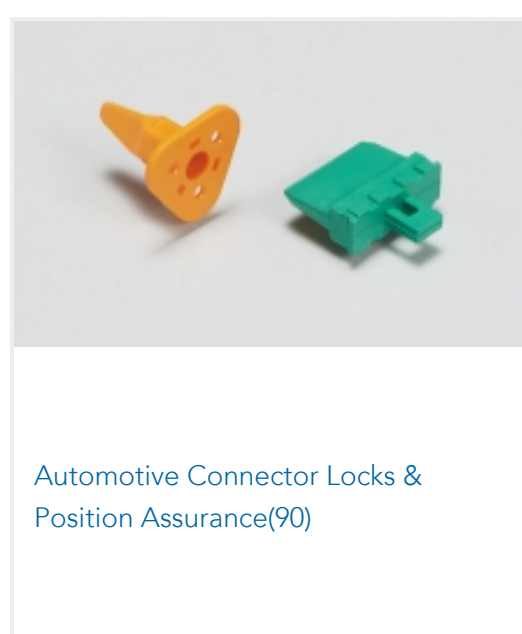


TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts

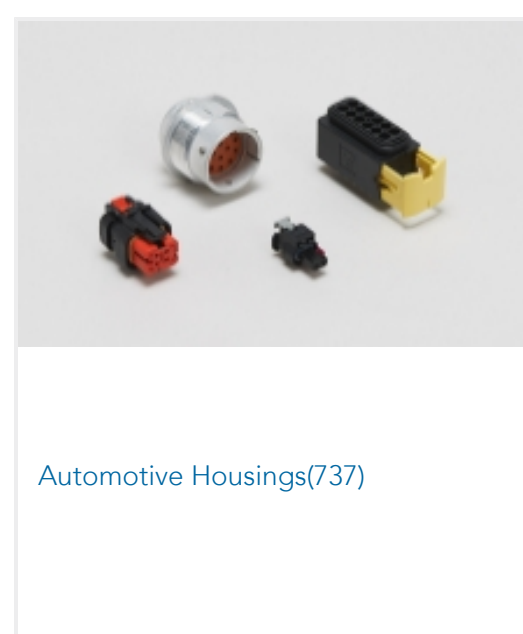


TE Part # WV-18S  
WEDGE LOCK, 18P, PLG, GRN, DTV

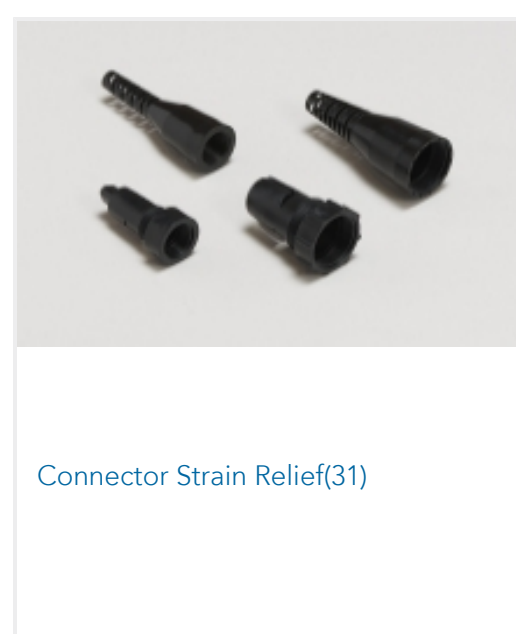
Also in the Series | **DEUTSCH DTV**



Automotive Connector Locks &  
Position Assurance(90)

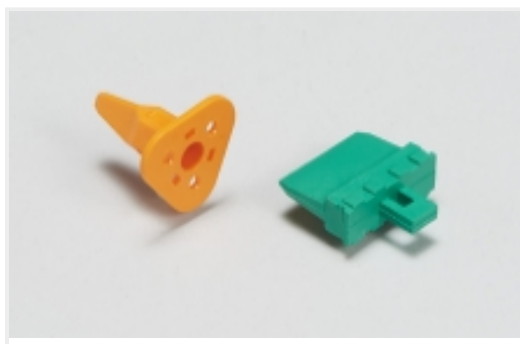


Automotive Housings(737)



Connector Strain Relief(31)

Also in the Series | **DEUTSCH DT**



Automotive Connector Locks & Position Assurance(90)



Automotive Headers(107)



Automotive Housings(737)



Connector Caps & Covers(1)



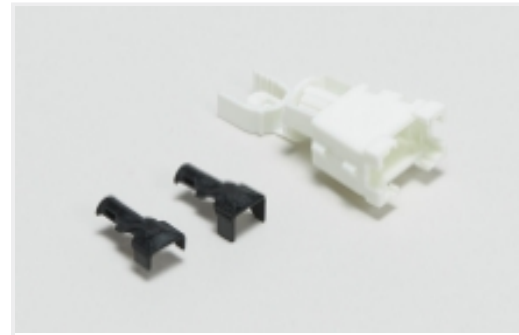
Connector Strain Relief(31)



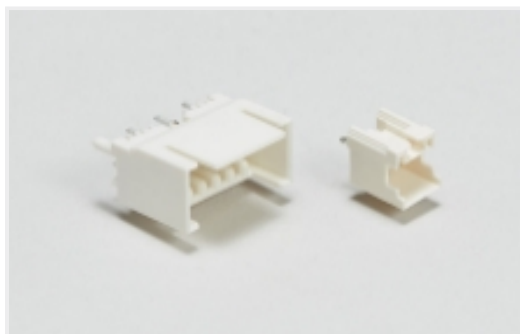
Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)



Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles (106)

## Customers Also Bought



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



TE Part #DTV18S-BT-BK  
BOOT, 18P, PLG, ST, BLK



TE Part #TCX38721112-004  
RPC-M12X-8MS-3.0SH-RJ45-8MS-PVC



TE Part #DT04-12PC-LE01  
REC, 12P, GRN, N, CAP, FLANGE, C



TE Part #CAT-H3910-CH8172  
DEUTSCH HD10 Housings



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



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



TE Part #1SNA115498R1700  
M6/8.D1

## Documents



### Product Drawings

[PLG, 18P, GRY, N, A](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DTV06-18SA\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTV06-18SA\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTV06-18SA\\_C.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[TERMINALS AND CONNECTORS](#)

English

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Product Specification](#)

English