

DTV06-18SA-C015

✓ ACTIVE

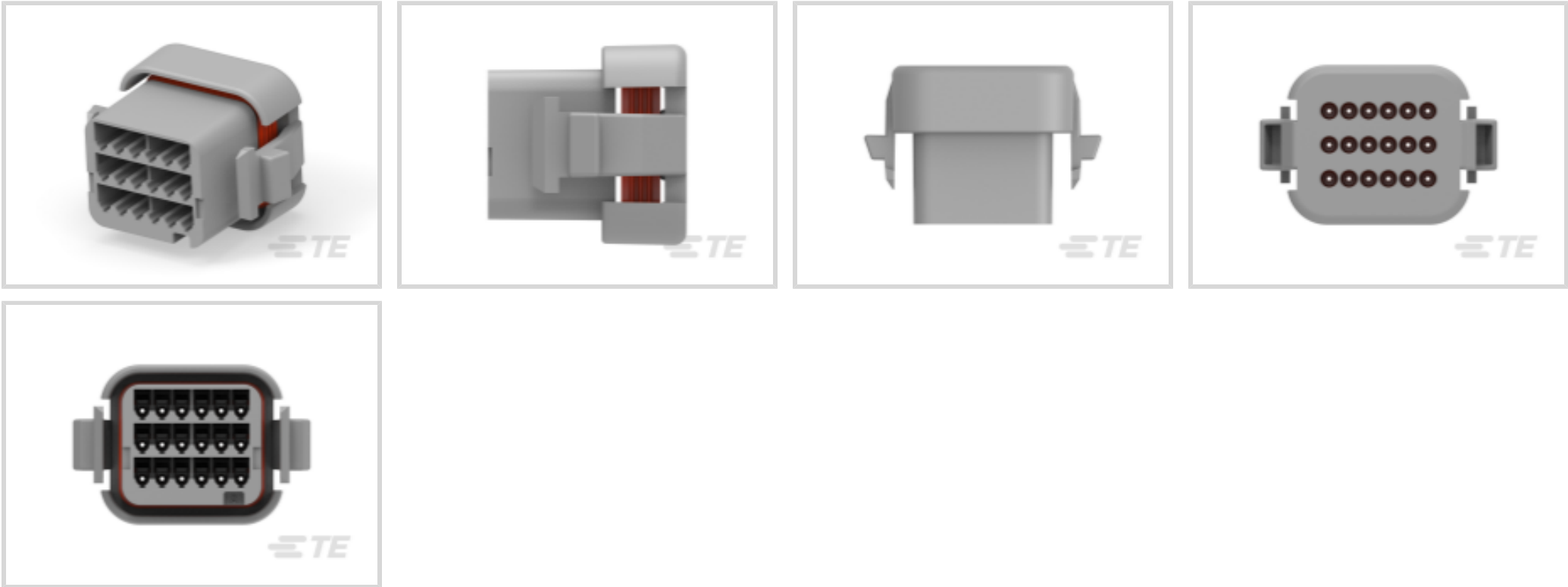
DEUTSCH | DEUTSCH DT

TE Internal #: DTV06-18SA-C015
12 V / 24 V, 18 Position, Automotive Housing for Female Terminals,
Wire-to-Wire, 4.44 mm [.175 in] Centerline, Sealable, Gray,
DEUTSCH DT

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V, 24 V
Connector & Housing Type: **Housing for Female 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 Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Connector Seal Code	E Seal
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	Gray
Connector & Keying Code	A

Contact Features

Contact Size	Size 16
Contact Type	Socket
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	Cable Mount (Free-Hanging)

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	1.35 – 3.05 mm[.053 – .12 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]

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	200
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

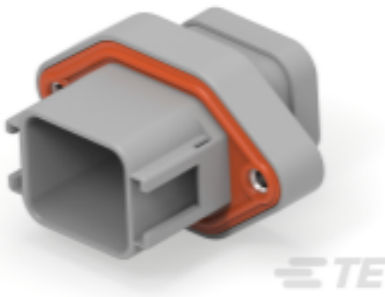
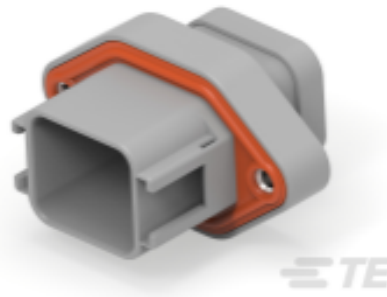
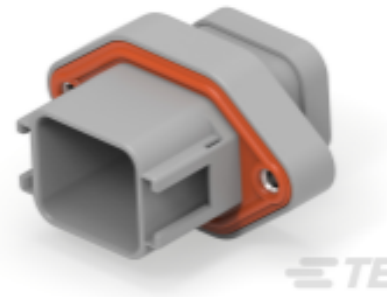
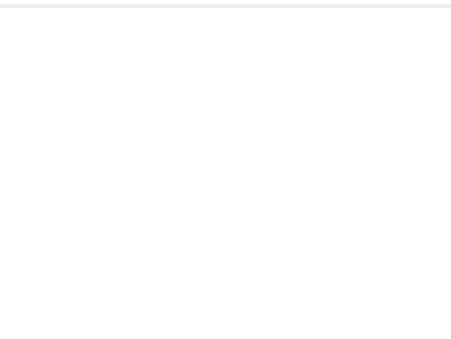
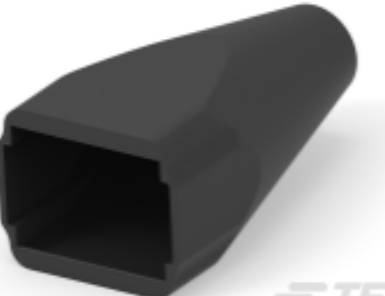
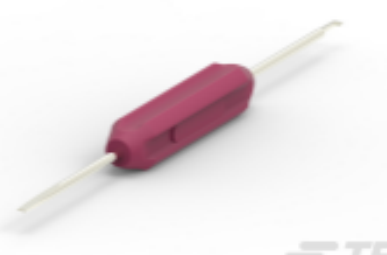
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) 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

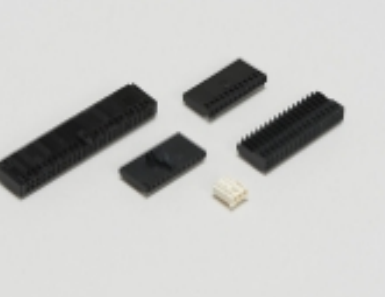
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-D48-ST273 DEUTSCH Connector Solid Contacts	 TE Part # DTV02-18PA-P055 REC, 18P, GRY, N, FLANGE, NO INSERTS, A	 TE Part # DTV02-18PA-C015 REC, 18P, GRY, E, FLANGE, A	 TE Part # DTV02-18PA REC, 18P, GRY, N, FLANGE, A
 TE Part # 1062-14-0177 SOC, SF, SIZE 16, 14-18, SN/SN	 TE Part # DTV18S-BT-BK BOOT, 18P, PLG, ST, BLK	 TE Part # 1062-16-1422 SOC, SF, SIZE 16, 12-16, SLVLES, NI/NI	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE
 TE Part # CAT-D48-SFT273 DEUTSCH Connector Stamped and Formed Contacts - Reel	 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs		

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 #T4112501041-000
M12,FEMALE,RA,D CODE,4P,PG7,
GOLD



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



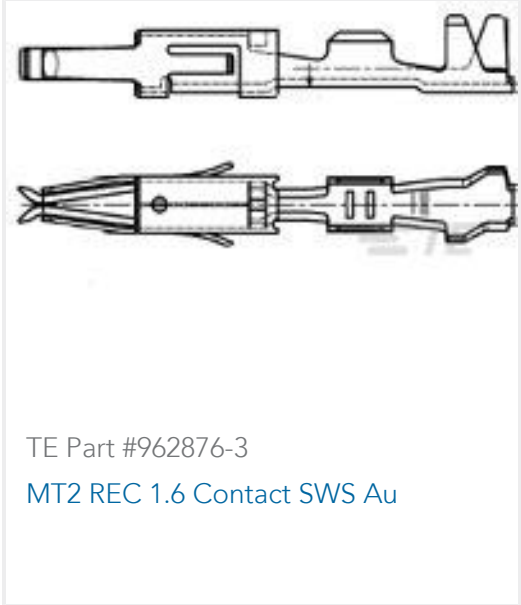
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #8-31890-1
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #936103-3
2.8MM SLD 2P PLUG RETAINER GRY



TE Part #962876-3
MT2 REC 1.6 Contact SWS Au



TE Part #1-965426-1
FLACHSTE-GEH2,8 6P



TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series
Housings

Documents

Product Drawings

PLG, 18P, GRY, E, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTV06-18SA-C015_99_c-dtv06-18sa-c015-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTV06-18SA-C015_99_c-dtv06-18sa-c015-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTV06-18SA-C015_99_c-dtv06-18sa-c015-99.3d_stp.zip

English

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

Product Specifications

Application Specification

English