



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S-EP06

Housing for Female Terminals, Wire-to-Wire, 3 Position, .394 in [10.01 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DT

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT Series Housings & Connectors



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

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

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

Number of Positions: **3**

Centerline (Pitch): **10.01 mm [ .394 in ]**

[All DEUTSCH DT Series Housings & Connectors \(461\)](#)

**Features**

**Product Type Features**

Connector & Housing Shape	Triangular
Connector & Housing Type	Housing for Female 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**

Blank Cavity Position	0
Connector Modification	Enhanced Seal Retention, End Cap
Number of Positions	3

**Electrical Characteristics**

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

**Body Features**

Cable Exit Angle	180°
Body Material	PA GF



Primary Product Color	Black
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### Contact Features

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

Mounting Feature	Without
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Terminal Position Assurance	Yes
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Strain Relief	Add By Accessory
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Mating Alignment Type	Polarized
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	10.01 mm[.394 in]
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### Dimensions

Product Width	18.71 mm[.737 in]
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Product Length	29.92 mm[1.178 in]
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Product Height	23.89 mm[.94 in]
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Accepts Wire Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
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### Usage Conditions

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

Circuit Application	Power & Signal
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### Industry Standards

Agency/Standard	SAE J2030
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Degree of Protection	IP68, IP6K9K
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UL Flammability Rating	12mm Flame Test per Standard UL-94
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### Packaging Features

Packaging Quantity	1200
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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: JUNE 2022 (224)  
Candidate List Declared Against: JAN 2022 (223)  
SVHC > Threshold:  
Not Yet Reviewed

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-D487-CH8172  
DEUTSCH DT Series Housings & Connectors



TE Part # CAT-D48-SP729  
DEUTSCH SEALING PLUGS



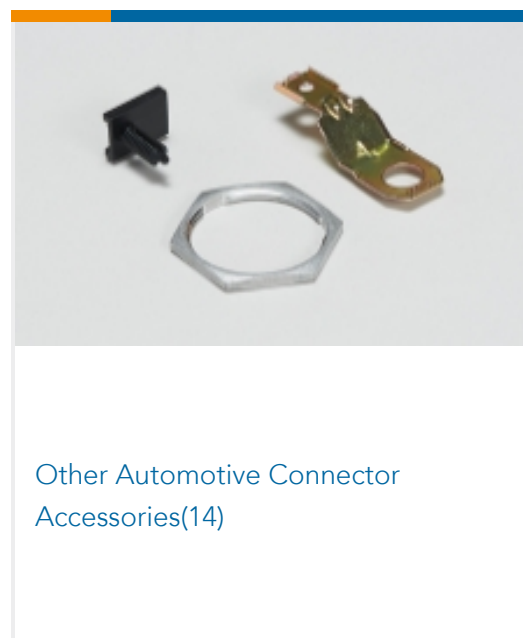
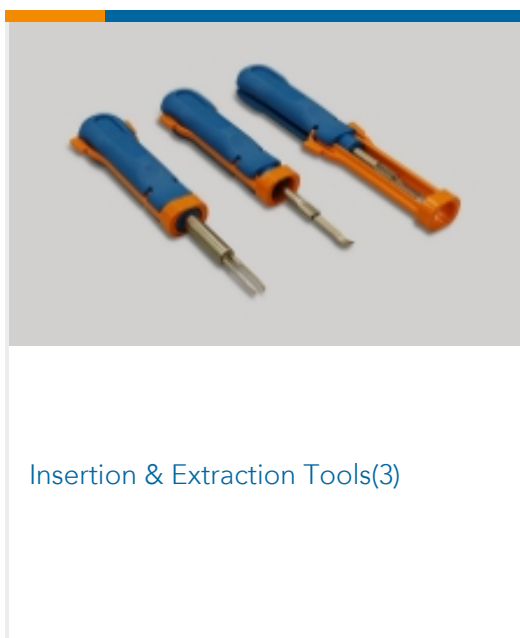
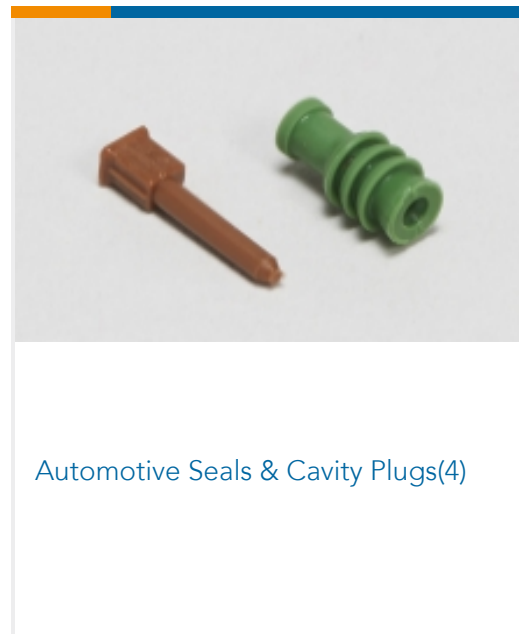
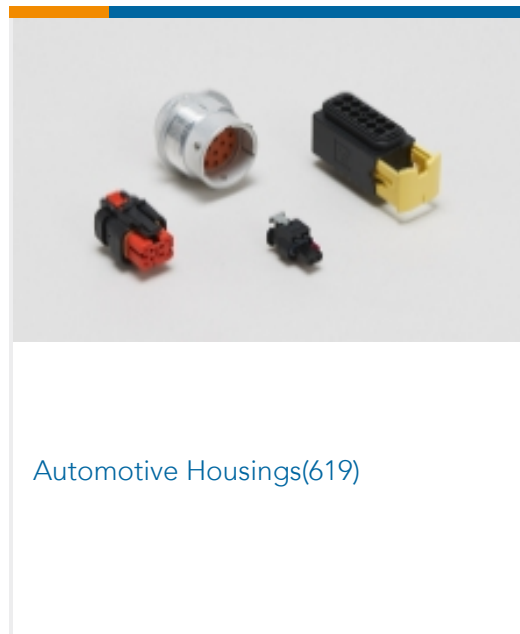
TE Part # CAT-D487-W416  
DEUTSCH DT WEDGELOCKS



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



Also in the Series | DEUTSCH DT



Customers Also Bought





## Documents

### Product Drawings

[PLG, 3P, BLK, N, SEAL RET, CAP](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-3S-EP06\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-3S-EP06\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-3S-EP06\\_B.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

[DEUTSCH DT Enhanced Seal Retention Connectors](#)

English

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_DT06-3S-EP06\\_1106201764\\_dmtec](#)

English

[MD\\_DT06-3S-EP06\\_1106201764\\_dmtec](#)

English

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### Agency Approvals

[UL Report](#)

English