



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-08SA

Housing for Female Terminals, Wire-to-Wire, 8 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Plug Connectors



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

Number of Positions: **8**

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

Centerline (Pitch): **9.12 mm [ .359 in ]**

Sealable: **Yes**

[All DEUTSCH DT Plug Connectors \(213\)](#)

## Features

### Product Type Features

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

### Configuration Features

Blank Cavity Position	0
Number of Positions	8
Number of Rows	2

### Electrical Characteristics

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

### Body Features

Cable Exit Angle	180°
Primary Product Color	Gray



Connector & Keying Code	A
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### Contact Features

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

### Mechanical Attachment

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

### Housing Features

Housing Material	PA GF
Centerline (Pitch)	9.12 mm[.359 in]

### Dimensions

Connector Height	37.21 mm[1.465 in]
Product Width	19.71 mm[.776 in]
Product Length	30.91 mm[1.217 in]
Row-to-Row Spacing	4.45 mm[.175 in]
Compatible 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	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

### Packaging Features

Packaging Quantity	550
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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 2023 (235)  
Candidate List Declared Against: JUNE 2023 (235)  
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-J41-DDRC  
DEUTSCH DT Receptacle Connectors



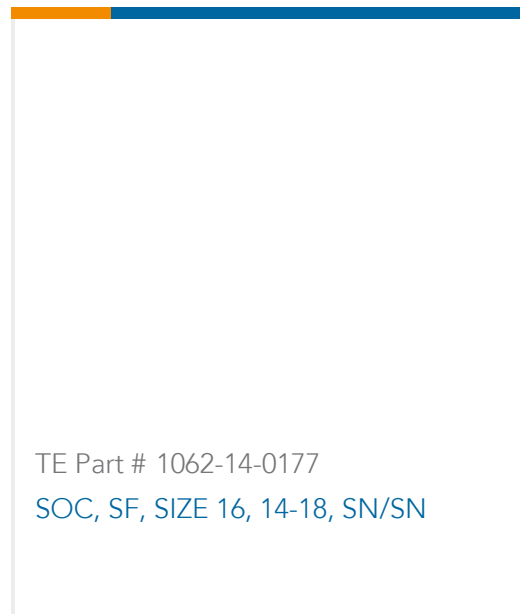
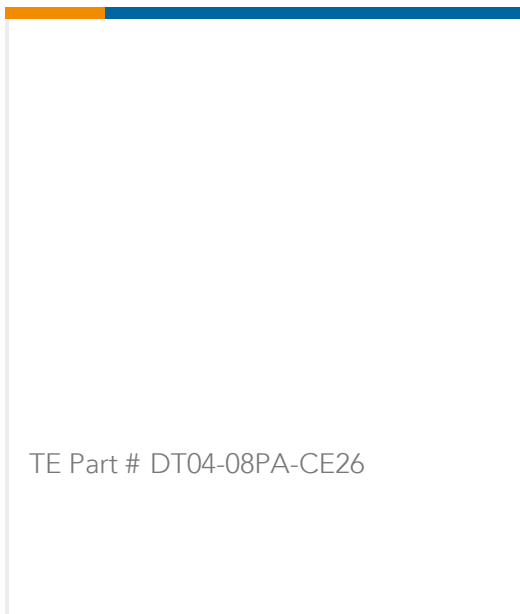
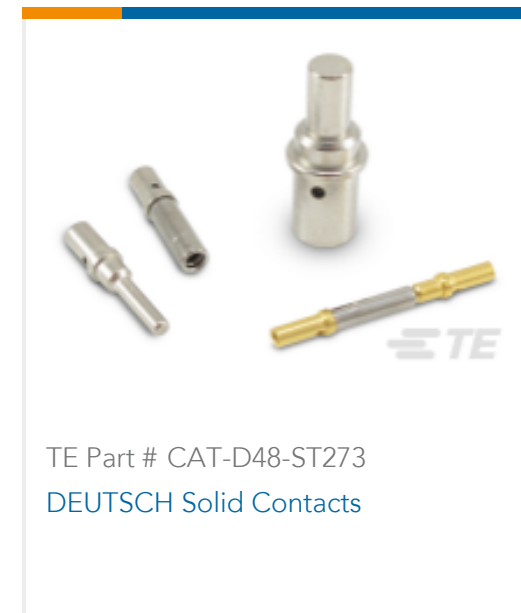
TE Part # CAT-D487-H342  
DEUTSCH DT Headers



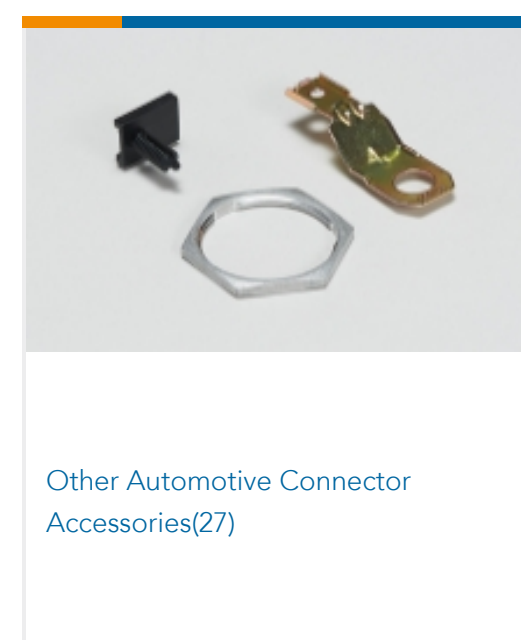
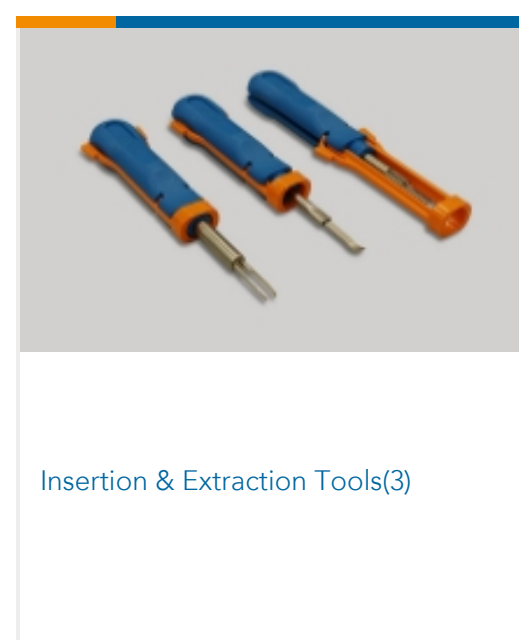
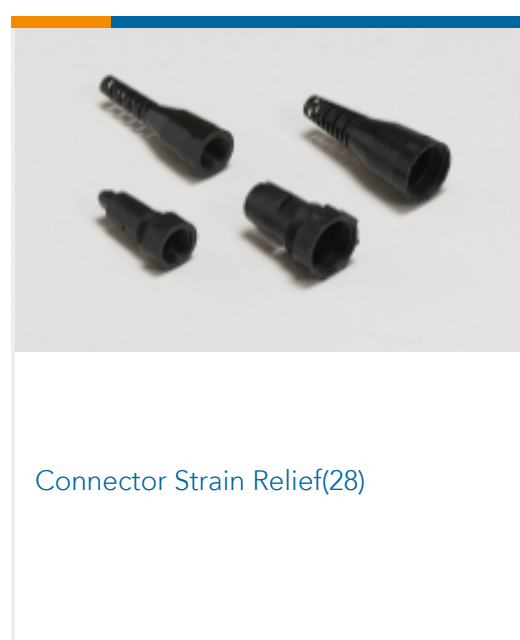
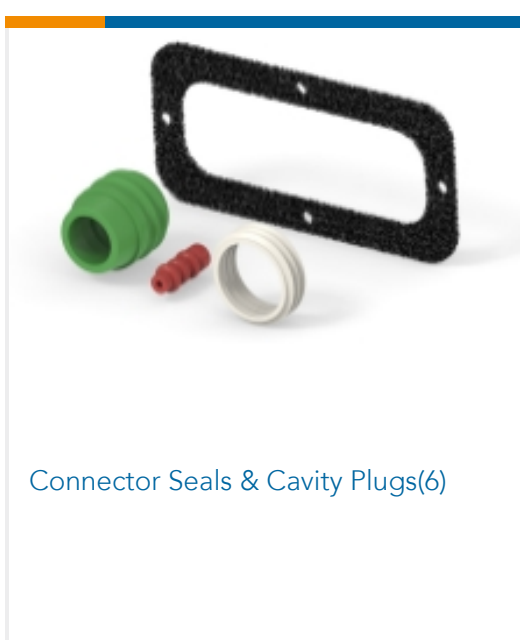
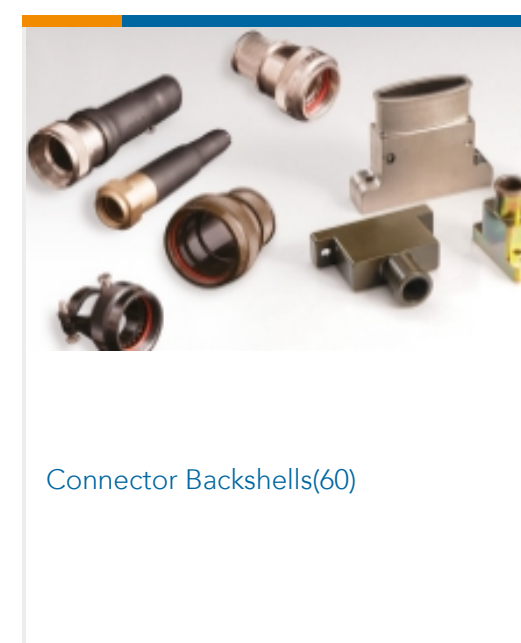
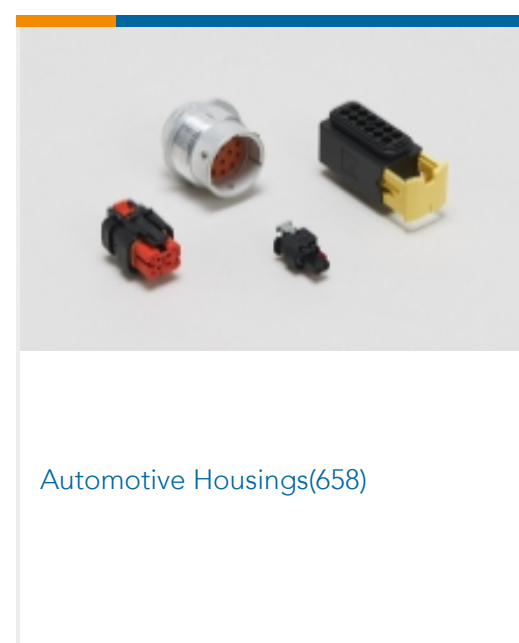
TE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts

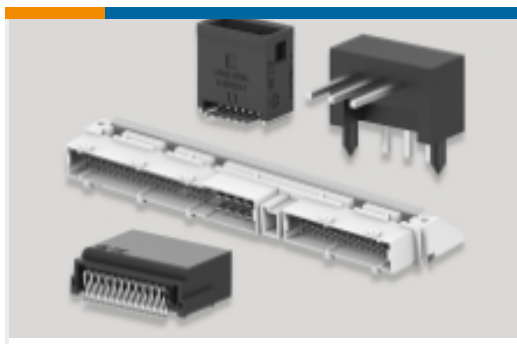


TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



Also in the Series | **DEUTSCH DT**





PCB Headers &amp; Receptacles(103)

## Customers Also Bought

TE Part #DT06-4S  
DEUTSCH DT Plug ConnectorsTE Part #DT04-4P  
DEUTSCH DT Receptacle ConnectorsTE Part #W6S  
Wedgelocks: DEUTSCH DTTE Part #HD14-3-16P  
INL REC ASM

## Documents

### Product Drawings

PLG, 8P, GRY, N, A

English

PLG, 8P, GRY, N, A

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-08SA\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-08SA\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DT06-08SA\\_B.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English



**Product Specifications**

**Engineering Report**

English

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**Agency Approvals**

**UL Report**

English