



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-2S-E008

DEUTSCH DT, Housing for Female Terminals, Wire-to-Wire, 2 Position, 5.46mm [.215in] Centerline, Sealable, Gray, Wire & Cable

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT HOUSINGS



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

Mating Pin Diameter: **1.59 mm [.0625 in]**

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

Number of Positions: **2**

Centerline (Pitch): **5.46 mm [.215 in]**

[All DEUTSCH DT HOUSINGS \(424\)](#)

Features

Product Type Features

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
Strain Relief	Add By Accessory

Configuration Features

Blank Cavity Position	0
Number of Positions	2
Number of Rows	1

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	PA GF



Primary Product Color	Gray
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Contact Features

Mating Pin Diameter	1.59 mm[.0625 in]
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Contact Current Rating (Max)	13 A
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Mechanical Attachment

Terminal Position Assurance	Yes
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Mounting Feature	Without
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Polarized	Polarized
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Housing Features

Centerline (Pitch)	5.46 mm[.215 in]
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Dimensions

Accepts Wire Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
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Height	15.77 mm[.621 in]
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Length	40.92 mm[1.611 in]
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Width	15.01 mm[.591 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

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

Packaging Method	Box
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Packaging Quantity	1200
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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Product Compliance









[For compliance documentation, visit the product page on TE.com>](#)

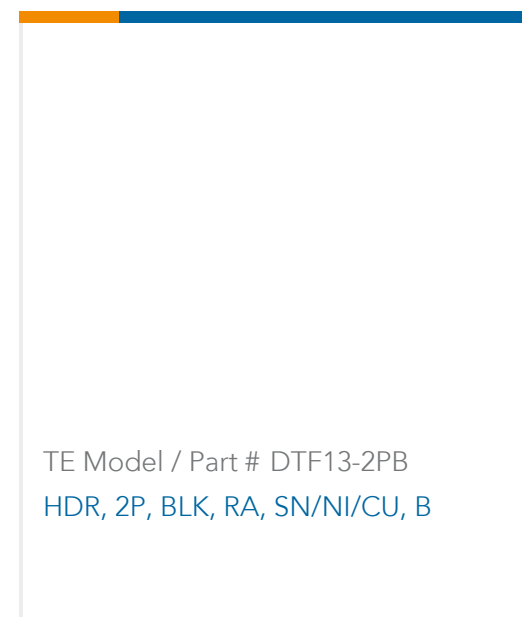
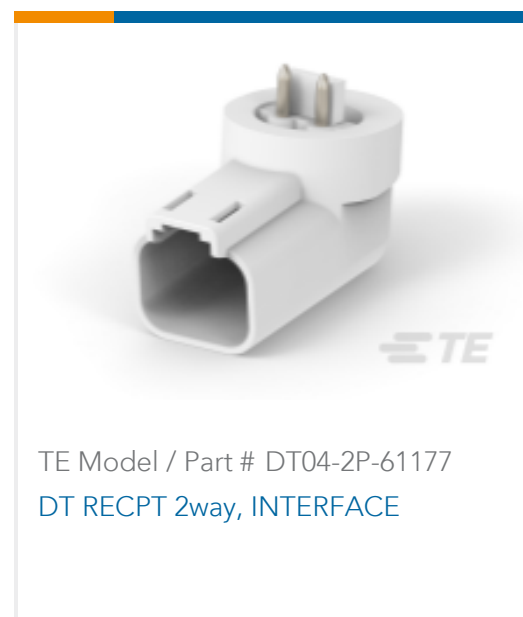
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not 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

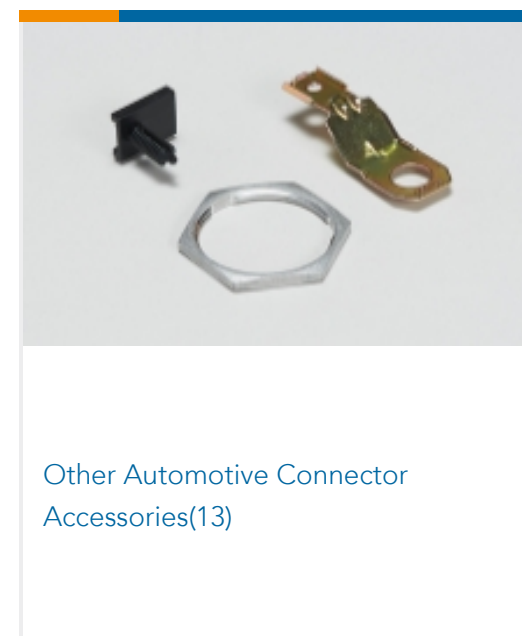
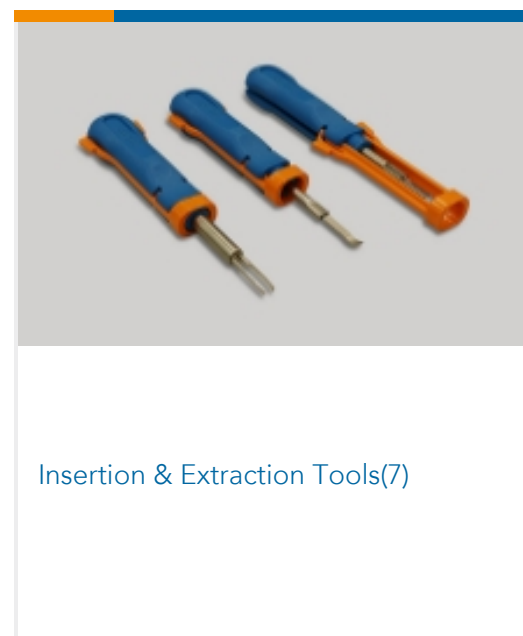
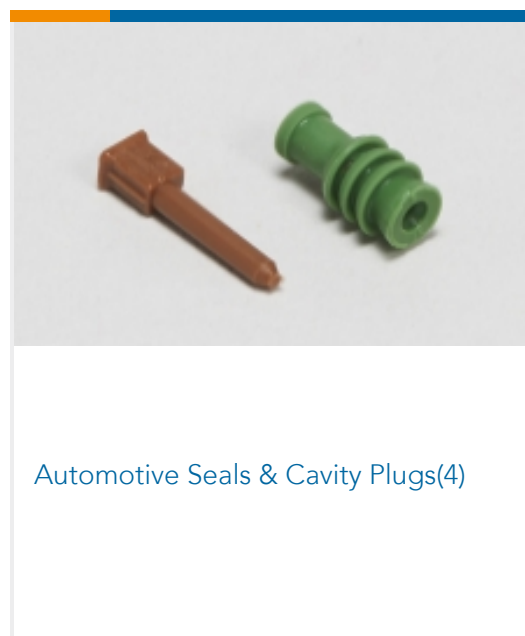
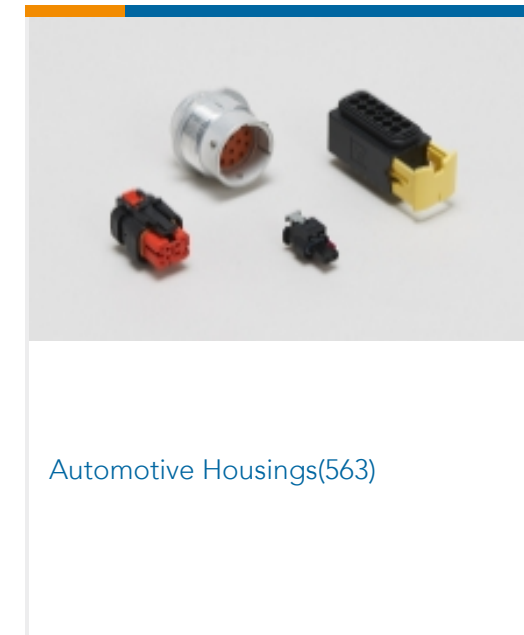
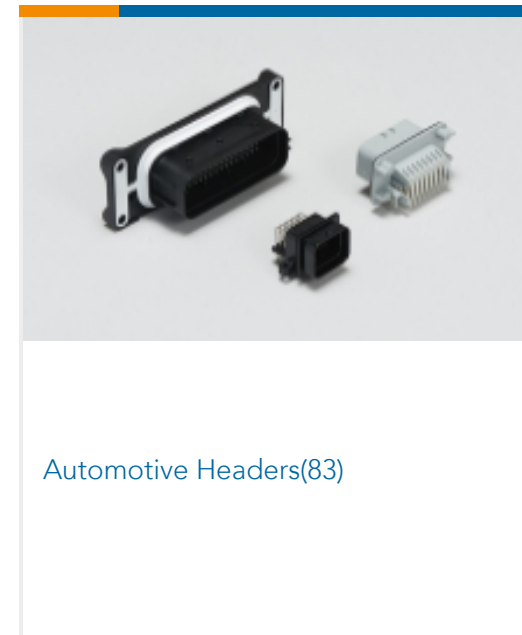
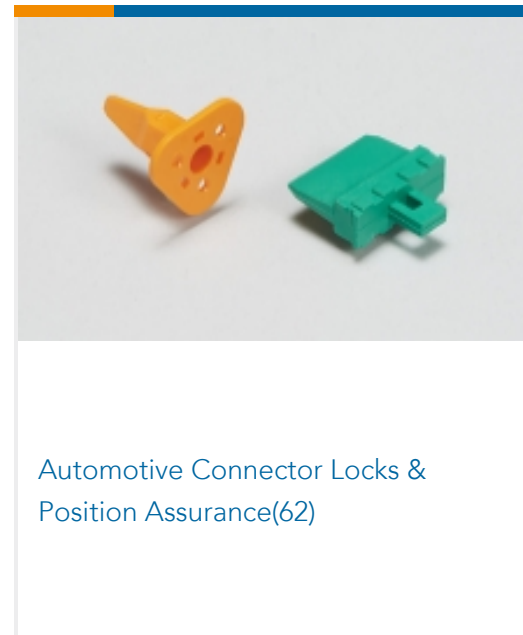
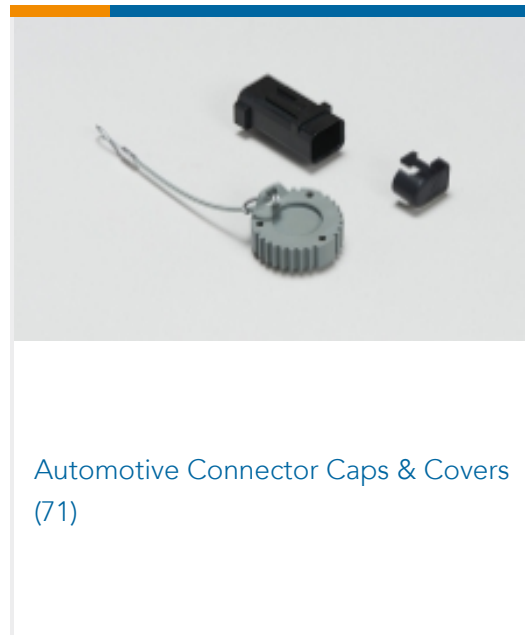
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

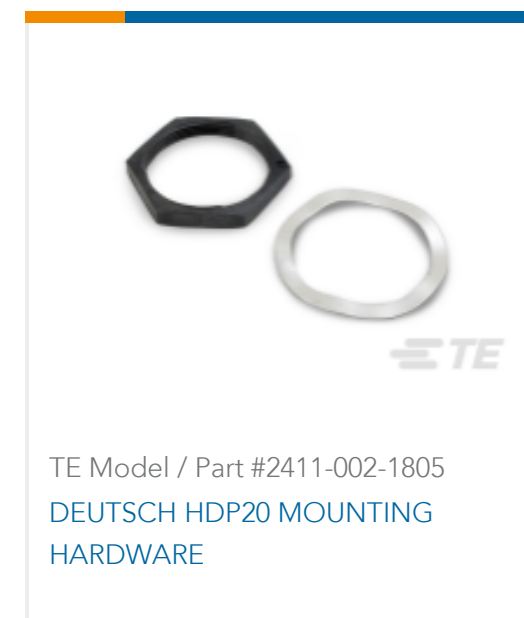
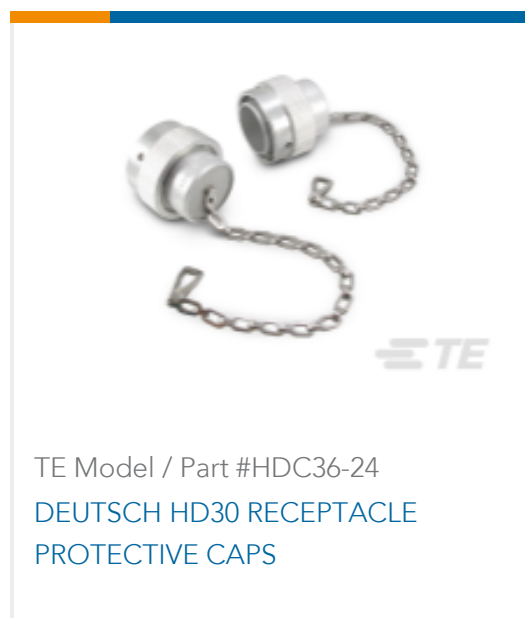
 <p>TE Model / Part # CAT-D487-H342 DEUTSCH DT HEADERS</p>	 <p>TE Model / Part # CAT-D48-SP729 DEUTSCH SEALING PLUGS</p>	 <p>TE Model / Part # CAT-D48-ST273 DEUTSCH SOLID CONTACTS</p>	 <p>TE Model / Part # CAT-D48-SFT273 DEUTSCH STAMPED & FORMED CONTACTS</p>
 <p>TE Model / Part # CAT-D487-CH8172 DEUTSCH DT HOUSINGS</p>	 <p>TE Model / Part # CAT-D487-P729 DEUTSCH DT DUST CAPS</p>	 <p>TE Model / Part # CAT-D487-W416 DEUTSCH DT WEDGELOCKS</p>	 <p>TE Model / Part # CAT-AM7801-P729 AMPSEAL 16 SEALING PLUGS</p>



Also in the Series | DEUTSCH DT



Customers Also Bought





Documents

Product Drawings

[PLG, 2P, GRY, N, XCAP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DT06-2S-E008_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-2S-E008_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-2S-E008_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

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Product Specifications

[Application Specification](#)

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