



Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT HOUSINGS



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

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

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

Number of Positions: **3**

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

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

Features

Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Component-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
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	Gray



Contact Features

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

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized

Housing Features

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

Product Width	18.71 mm[.737 in]
Product Length	31.19 mm[1.228 in]
Product Height	23.89 mm[.94 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

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

Packaging Features

Packaging Quantity	1000
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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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-D487-CH8172
DEUTSCH DT HOUSINGS

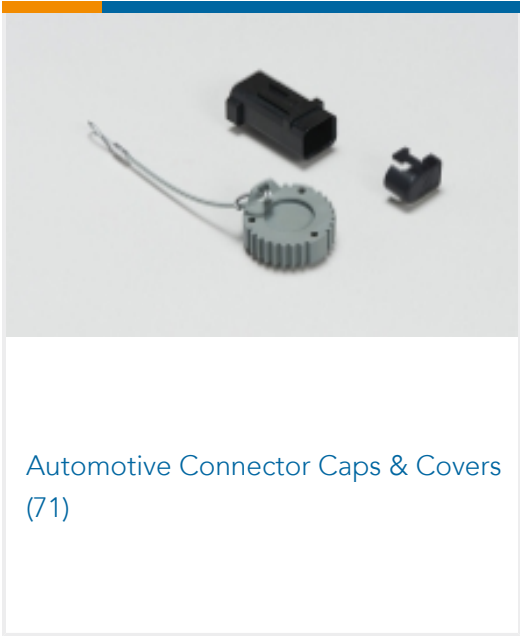


TE Part # CAT-D487-H342
DEUTSCH DT HEADERS



TE Part # CAT-D487-P729
DEUTSCH DT DUST CAPS

Also in the Series | DEUTSCH DT



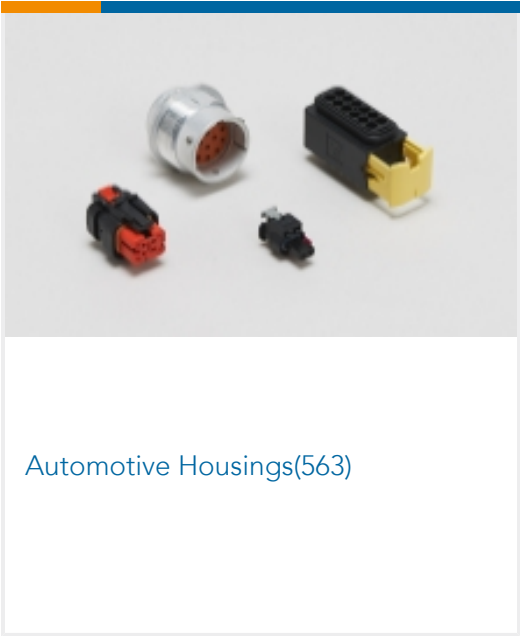
Automotive Connector Caps & Covers (71)



Automotive Connector Locks & Position Assurance(62)



Automotive Headers(83)



Automotive Housings(563)



Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(13)

Customers Also Bought



TE Part #2411-002-1805
DEUTSCH HDP20 MOUNTING
HARDWARE



TE Part #HDC16-9
DEUTSCH HD10 RECEPTACLE DUST
CAPS



TE Part #W3P-1939
DEUTSCH DT WEDGELOCKS



TE Part #DT04-3P-P006
DEUTSCH DT HOUSINGS



TE Part #112263-90
DEUTSCH HD30 MOUNTING
HARDWARE

Documents

Product Drawings

PLG, 3P, GRY, 120 OHM RESISTOR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT06-3S-P006_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT06-3S-P006_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT06-3S-P006_99.3d_stp.zip

English

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Datasheets & Catalog Pages

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English