

DT06-3S ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S

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

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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 \(457\)](#)

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

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	With

Housing Features

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

Product Width	18.37 mm[.723 in]
Product Length	28.4 mm[1.118 in]
Product Height	23.73 mm[.934 in]
Accepts Wire 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

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

Packaging Features

Packaging Quantity	1400
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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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-D48-ST273
DEUTSCH SOLID CONTACTS

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

TE Part # CAT-D487-H342
DEUTSCH DT HEADERS

TE Part # CAT-D487-B128
DEUTSCH DT BACKSHELLS

TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors

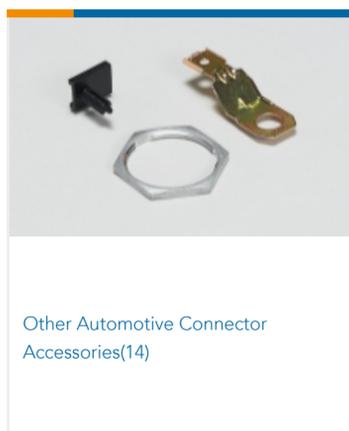
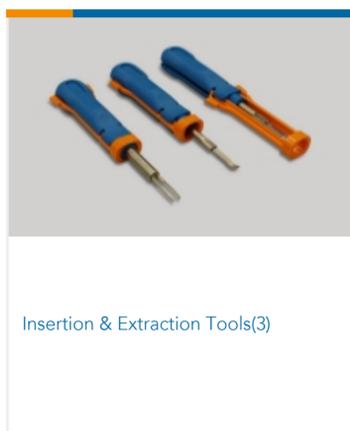
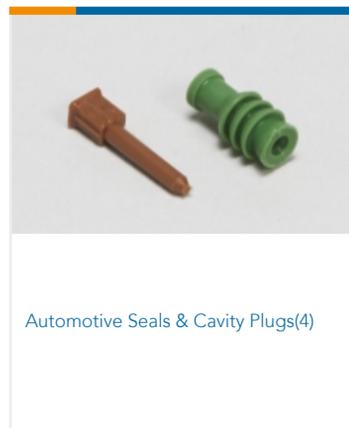
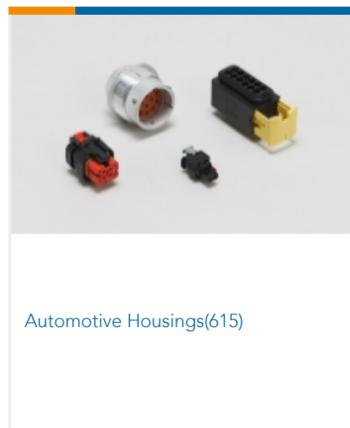
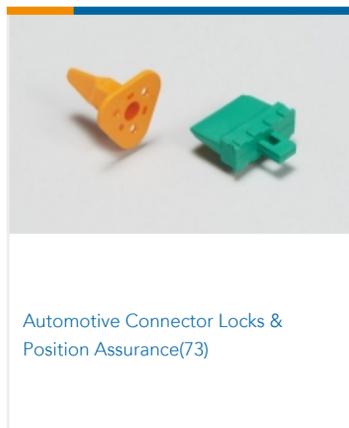
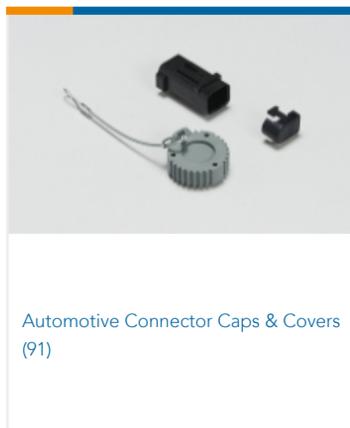
TE Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS

TE Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS

TE Part # 1011-345-0305
DUST CAP, 3P, PLG, BLK, DT



Also in the Series | DEUTSCH DT



Customers Also Bought





Documents

Product Drawings

[PLG, 3P, GRY, N](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DT06-3S_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-3S_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-3S_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_DT06-3S_1106201763_dmtec](#)

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Agency Approvals

[UL Report](#)

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