



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S-P006

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

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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: **Component-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	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
Connector Modification	Terminating Resistor, End Cap, J1939
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
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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

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

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
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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: JUNE 2022 (224)
Candidate List Declared Against: JAN 2022 (223)
SVHC > Threshold:
Pb (1.2% in component)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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-D487-H342
DEUTSCH DT HEADERS

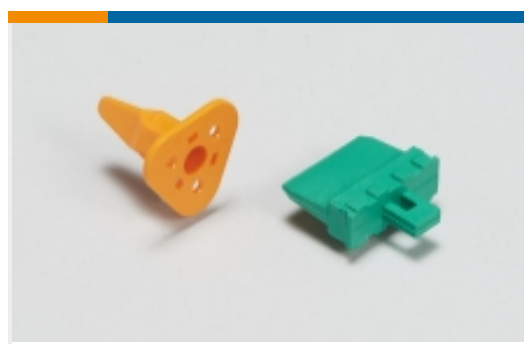


TE Part # 1011-345-0305
DUST CAP, 3P, PLG, BLK, DT

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (98)



Automotive Connector Locks & Position Assurance(73)



Automotive Housings(619)



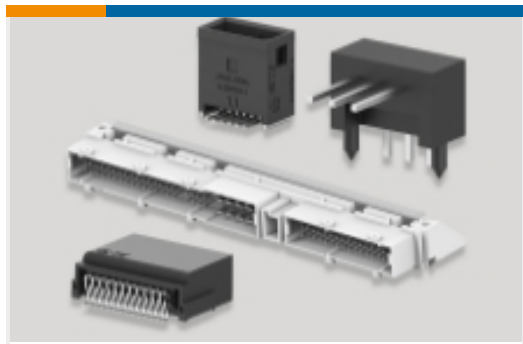
Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(106)

Customers Also Bought



TE Part #DT06-6S
DEUTSCH DT Series Housings & Connectors



TE Part #W3S
DEUTSCH DT WEDGELOCKS



TE Part #HD34-24-47PE-059
REC,47P,AL,E, CBLCLMPBT,DRAIN,16 /20,P,MC



TE Part #0528-001-5005
BKSHL, 50P, BLK, PLG, RA, NW 17



TE Part #0413-204-2005
SEALING PLUG, SIZE 20, RED



TE Part #HD30-24BT-BK
BOOT, 24SZ, ST, BLK



TE Part #1394909-2
SHIELD, 180 DEG., 94POSN. RECEPTACLE HSG

Documents

Product Drawings

[PLG, 3P, GRY, 120 OHM RESISTOR](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_DT06-3S-P006_99.2d_dxf.zip](#)

English

[3D PDF](#)



3D

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

Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

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Agency Approvals

[UL Report](#)

English