

DT06-3S-EP10 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S-EP10

DEUTSCH DT, Housing for female terminals, Component-to-Wire, 3 Position, 10.01mm [.394in] Centerline, Sealable, Black, Wire & Cable

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > DEUTSCH DT HOUSINGS



Connector Style: **Housing for female terminals**

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

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

Number of Positions: **3**

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

[All DEUTSCH DT HOUSINGS \(421\)](#)

Features

Product Type Features

Connector Style	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
Strain Relief	Add By Accessory

Configuration Features

Blank Cavity Position	0
Number of Positions	3

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
Color	Black

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	Yes

Housing Features

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

Height	23.89 mm[.94 in]
Length	31.19 mm[1.228 in]
Width	18.71 mm[.737 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
Agency/Standard	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Method	Box
Packaging Quantity	1000

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
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) 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 Model / Part # CAT-D487-CH8172
DEUTSCH DT HOUSINGS




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



TE Model / Part # CAT-D487-H342
DEUTSCH DT HEADERS

Also in the Series | DEUTSCH DT




Automotive Connector Caps & Covers (70)



Automotive Connector Locks & Position Assurance(62)



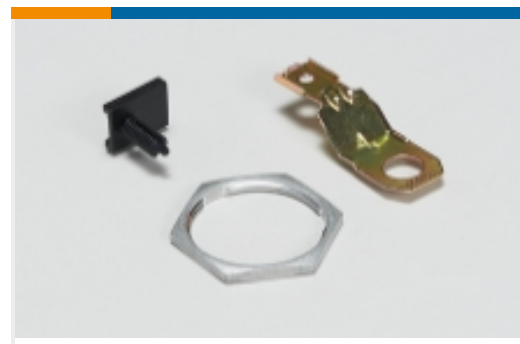
Automotive Seals & Cavity Plugs(4)



Automotive, Truck, Bus, & Off-Road Headers(82)



Automotive, Truck, Bus, & Off-Road Housings(560)



Other Automotive Connector Accessories(13)

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DT06-3S-EP10_99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-3S-EP10_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-3S-EP10_99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English