

DT04-2P-RT25 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-2P-RT25

Component-to-Wire, 2 Position, .215 in [5.46 mm] Centerline,
Sealable, Black, Wire & Cable, Power & Signal, -67 – 257 °F [-55 –
125 °C], DEUTSCH DT

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



Mating Pin Diameter: 1.59 mm [.063 in]

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

Number of Positions: 2

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

Sealable: **Yes**

[All DEUTSCH DTM Housings \(109\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector System	Component-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Overmolded
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Modification	Molded-In Resistor
Number of Positions	2
Number of Rows	1

Electrical Characteristics

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

Body Features

Primary Product Color	Black
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Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Mating Alignment	With

Housing Features

Housing Material	PA GF
Centerline (Pitch)	5.46 mm [.215 in]

Dimensions

Connector Height	22.71 mm [.873 in]
Product Width	25.4 mm [1 in]
Product Length	39.5 mm [1.555 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	Not tested

Packaging Features

Packaging Quantity	650
Packaging Method	Box

Other

Serviceable	No
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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Pb (1.2% in Component Part) 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

 <p>TE Part # CAT-D487-M8649 DEUTSCH DT Mounting Clips</p>	 <p>TE Part # CAT-J41-DDPC DEUTSCH DT Plug Connectors</p>	 <p>TE Part # DT06-2S-CE04 PLG, 2P, GRY, E, XCAP</p>	 <p>TE Part # DT06-2S-C015 PLG, 2P, GRY, E</p>
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TE Part # DT06-2S-LC01
PLG, 2P, BLK, E, SL RT, DIN BKSHL
ADPT



TE Part # 2-2303815-4
DT06-2S-TE82, PLG, 2P, BLK, E,
SNAPXCAP




TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16



TE Part # DT06-2S-CE05
PLG, 2P, BLK, E, SEAL RET, CAP

TE Part # DT06-2S-CE02
PLG, 2P, BLK, E


Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers
(107)




Automotive Connector Locks &
Position Assurance(74)




Automotive Housings(618)



Automotive Seals & Cavity Plugs(5)



Insertion & Extraction Tools(3)



Other Automotive Connector
Accessories(16)



PCB Headers & Receptacles(102)

Customers Also Bought



TE Part #HDP24-24-31PT-L017
DEUTSCH HDP20 Housings



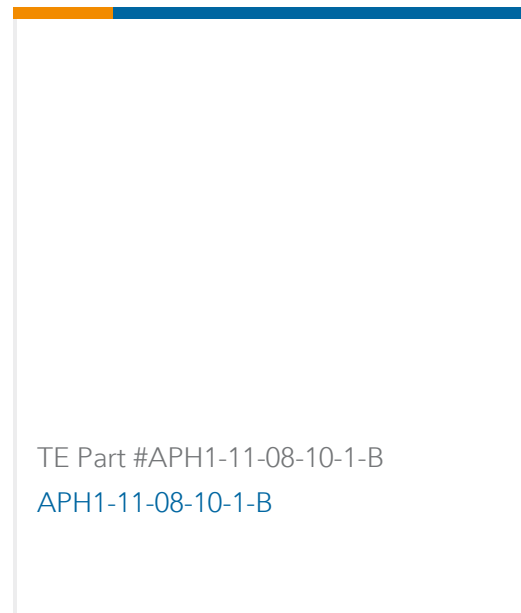
TE Part #WB-51PAR
WEDGE LOCK, 102P, REC, GRY, RT,
DRB, A



TE Part #DT06-08SB-C015
PLG, 8P, BLK, E, B



TE Part #M902-2162
BKSHL, 6SZ, CBL SZ .300-.430, HD10



Documents

Product Drawings

[REC, 2P, BLK, 27K OHM RESISTOR, NI](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_DT04-2P-RT25_99.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DT04-2P-RT25_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-2P-RT25_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