DT04-2P-CE04 ✔ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-2P-CE04

Housing for Male Terminals, Wire-to-Wire, 2 Position, .215 in [5.46 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

View on TE.com >

Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT Series Housings & Connectors

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

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

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

Number of Positions: **2**

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

All DEUTSCH DT Series Housings & Connectors (461)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Male 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
Connector Modification	Shrink Boot Adapter
Connector Seal Code	E Seal
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

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Gray

Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Mounting Feature	With
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5.46 mm[.215 in]

Dimensions

Product Width	17.15 mm[.675 in]
Product Length	57.18 mm[2.251 in]
Product Height	17.02 mm[.67 in]
Accepts Wire Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 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

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	800
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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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-SP729
DEUTSCH SEALING PLUGS

TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS

TE Part # 776364-1
SEALING PLUG, SZ 20 CAVITY

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

TE Part # CAT-D487-W416
DEUTSCH DT WEDGELOCKS

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

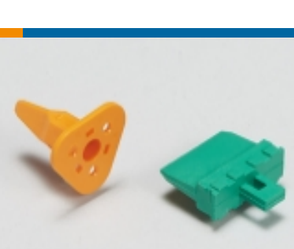
TE Part # CAT-D487-M8649
DEUTSCH DT MOUNTING CLIPS

TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16

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

Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers (98)



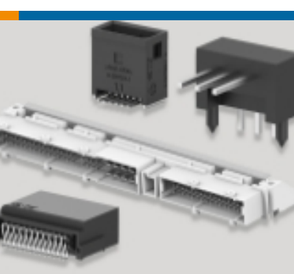
Automotive Connector Locks & Position Assurance(73)

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 #DT06-2S-CE04
DEUTSCH DT Series Housings & Connectors

TE Part #W2P
WEDGE LOCK, 2P, REC, GRN, DT

TE Part #175287-3
DYNAMIC D-3 TAB CONT. S AU 0.76 L /P

TE Part #1-962842-3
TAB 2.8x0.8 CONTACT CS SRC Au

TE Part #K1128688
Battery Disconnector 35-411-130-R-900

TE Part #2-2151038-1
OCEAN_2.0-APPLICATOR-S-055F114O

TE Part #K1151130
Leuchtmelder TS-201-WS102

TE Part #1544275-2
CLIP 6,3 SECU 1-3

Documents

Product Drawings

REC, 2P, GRY, E, XCAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT04-2P-CE04_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT04-2P-CE04_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT04-2P-CE04_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English