

DT04-08PA-C017

✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-08PA-C017

12 V / 24 V / 48 V, 8 Position, Automotive Housing for Male

Terminals, Wire-to-Wire, 9.09 mm [.358 in] Centerline, Sealable,

Gray, DEUTSCH DT

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Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH DT Receptacle Connectors



Nominal Voltage Architecture: 12 V, 24 V, 48 V

Connector & Housing Type: Housing for Male Terminals

Number of Positions: 8

Sealable: Yes

Operating Temperature Range: -55 – 125 °C [-67 – 257 °F]

[All DEUTSCH DT Receptacle Connectors \(132\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	1, 2, 3, 4, 5, 6, 7, 8
Number of Positions	8
Number of Rows	2

Electrical Characteristics

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

Body Features

Cable Exit Angle	180 °
Primary Product Color	Gray
Connector & Keying Code	A

Contact Features

Contact Size	Size 16
Contact Type	Receptacle
Mating Pin Diameter	1.57 mm[.062 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

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

Housing Features

Housing Material	PA GF
Centerline (Pitch)	9.09 mm[.358 in]

Dimensions

Row-to-Row Spacing	4.45 mm[.175 in]
Product Width	36.45 mm[1.435 in]
Product Length	46.94 mm[1.848 in]
Connector Height	23.88 mm[.94 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP68, IP6K9K
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Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	300
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) 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 # DT06-08SA-CE03
PLG, 8P, BLK, E, CAP, A

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

TE Part # CAT-J41-DDPC
DEUTSCH DT Plug Connectors

TE Part # CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors

TE Part # CAT-D487-M8649
DEUTSCH DT Mounting Clips

Also in the Series | DEUTSCH DT

Automotive Connector Locks & Position Assurance(87)

Automotive Housings(765)

Connector Seals & Cavity Plugs(18)

Infotainment & Multimedia Cable Assemblies(1)

Other Automotive Connector Accessories(27)

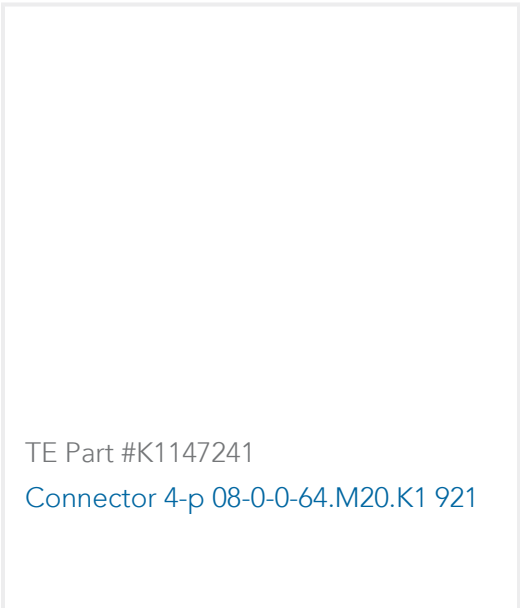
Customers Also Bought

TE Part #K1126415
Relay 29-111-12A

TE Part #CAT-J41-DDPC
DEUTSCH DT Plug Connectors

TE Part #DT04-4P-CE04
REC, 4P, GRY, E, XCAP

TE Part #CAT-D799-CH8172
DEUTSCH DRC Housings



Documents

Product Drawings

REC, 8P, GRY, BLOCKED, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT04-08PA-C017_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT04-08PA-C017_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT04-08PA-C017_A.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English