



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



Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **3**

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

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

Sealable: **Yes**

[All DEUTSCH DT Receptacle Connectors \(240\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	J1939
Number of Positions	3

Electrical Characteristics

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

Body Features

Primary Product Color	Gray
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Contact Features

Contact Type	Pin
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)	10.01 mm[.394 in]

Dimensions

Connector Height	24.71 mm[.973 in]
Product Width	44 mm[1.732 in]
Product Length	48.01 mm[1.89 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
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	200
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
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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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-J41-DDPC  
DEUTSCH DT Plug Connectors



TE Part # DT3P-DC  
PROTECT CVR, 3P, REC, GRY, DT



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



TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16



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

Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers (19)

Automotive Connector Locks & Position Assurance(74)

Automotive Housings(658)

Connector Backshells(60)

Connector Seals & Cavity Plugs(6)

Connector Strain Relief(28)

Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(27)

PCB Headers & Receptacles(103)

Customers Also Bought

TE Part #DT06-3S-EP10  
DEUTSCH DT Plug Connectors

TE Part #HC5901  
BATT.POST CLAMP -VE MK.3

TE Part #W35-P012  
WEDGE LOCK, 3P, PLG, GRN, SL RET, DT

TE Part #HD36-24-16PE-L006  
DEUTSCH HD30 Housings






TE Part #HC5840D  
INTEGRAL BATT. POST. DOUBLE  
TAPER.



TE Part #HC5841  
70MM2 BATTTERY CLMP ASSMB  
NEGATIVE



TE Part #7005-212  
No Description

Documents

Product Drawings

REC, 3P, GRY, Y-SPLITTER

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT04-3P-P007\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-3P-P007\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-3P-P007\_C.3d\_stp.zip

English

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English