



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



Connector System: **Bus Bar-to-Wire**

Number of Positions: **6**

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

Centerline (Pitch): **3.81 mm [.15 in ]**

Sealable: **Yes**

[All DEUTSCH DT Receptacle Connectors \(247\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	(1) 6 Pin Buss
Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
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Primary Product Color	Black
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	
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Bus Bar Mount
Housing Features	
Housing Material	PA GF
Centerline (Pitch)	3.81 mm[.15 in]
Dimensions	
Connector Height	24.16 mm[.951 in]
Product Width	20.83 mm[.82 in]
Product Length	47.19 mm[1.868 in]
Row-to-Row Spacing	4.45 mm[.175 in]
Usage Conditions	
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Degree of Protection	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	Not tested
Packaging Features	
Packaging Quantity	500



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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-D487-M8649  
DEUTSCH DT Mounting Clips



TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16



TE Part # DT6P-DC  
PROTECT CVR, 6P, REC, GRY, DT



TE Part # CAT-J41-DDCC  
DEUTSCH DT Color Connectors

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(87)

Automotive Housings(705)

Connector Backshells(61)

Connector Seals & Cavity Plugs(6)

Connector Strain Relief(28)

Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(28)

PCB Headers & Receptacles(106)

Customers Also Bought

TE Part #DT04-12PA-P021  
DEUTSCH DT Receptacle Connectors

TE Part #776536-2  
AS16,CAP ASSY,ST,04P,E SEAL,CODE B

TE Part #2-2112162-1  
21POS,TAB2.8X0.8,TABHSG,CODE B, ASSY,SLD

TE Part #4828-007-8605  
BKSHL, 86P, BLK, VERTICAL, DRCP



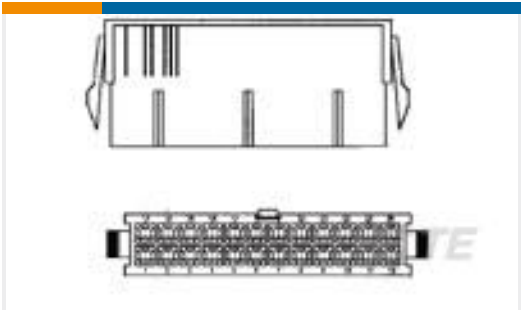
DT04-6P-EP13

Housing for Male Terminals, Bus Bar-to-Wire, 6 Position, 3.81 mm [.15 in] Centerline, Sealable, Black, Bus Bar / Wire & Cable, Power, DEUTSCH DT





TE Part #1-1718485-5  
CARRIER FOR RECEPT. INSERTS 36  
POS



TE Part #1-1586018-0  
10P PM PLUG VAL-U-LOK V0



TE Part #DRCP24-86PA  
REC, 86P, BLK, 12/20, A

Documents

Product Drawings

REC, 6P, BLK, BUSBAR 1X6, NICKEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT04-6P-EP13\_D.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-6P-EP13\_D.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT04-6P-EP13\_D.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

Agency Approvals

UL Report

English