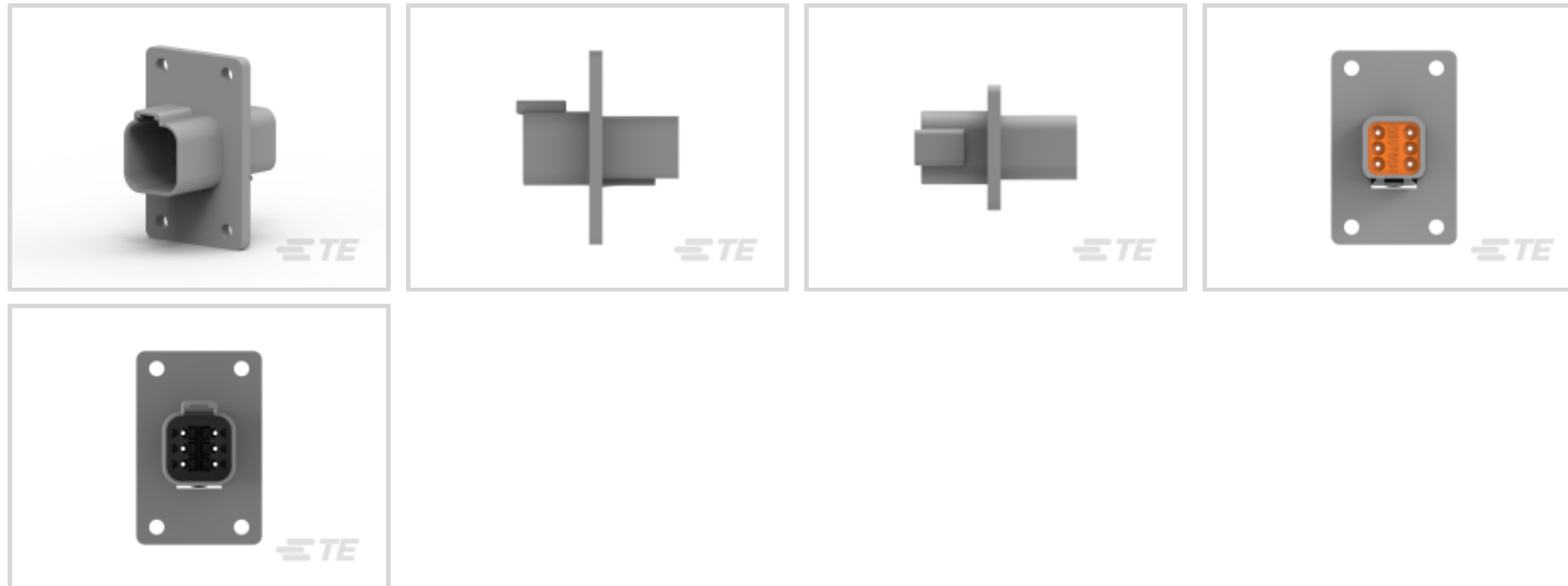# DT04-6P-L012 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-6P-L012

Housing for Male Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

View on TE.com >

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

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

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

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

Number of Positions: **6**

Centerline (Pitch): **9.12 mm [.359 in]**

All DEUTSCH DT Receptacle Connectors (241)

Features

Product Type Features

Connector 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
Number of Positions	6
Number of Rows	3

Electrical Characteristics

DT04-6P-L012

Housing for Male Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline,
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Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180°
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

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA GF
Centerline (Pitch)	9.12 mm[.359 in]

Dimensions

Connector Height	54.99 mm[2.165 in]
Product Width	35.51 mm[1.398 in]
Product Length	45.92 mm[1.808 in]
Row-to-Row Spacing	4.45 mm[.175 in]
Accepts Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 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

Degree of Protection	IP68, IP6K9K

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Agency/Standard	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	400
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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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

DT04-6P-L012

Housing for Male Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

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

TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

TE Part # CAT-D487-B128
DEUTSCH DT Backshells

TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part # W6P
WEDGE LOCK, 6P, REC, GRN, DT

TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

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

TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts
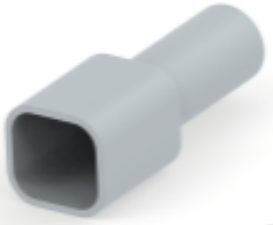
TE Part # DT6P-BT
BOOT, 6P, REC, ST, GRY

TE Part # DT6P-BT-BK
BOOT, 6P, REC, ST, BLK

TE Part # 2300908-1
0460-003-16329, PIN, SOLID, 20-24AWG, AU

TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts

TE Part # DT6P-BT-YW
BOOT, 6P, REC, ST, YEL

Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers (107)

Automotive Connector Locks & Position Assurance(74)
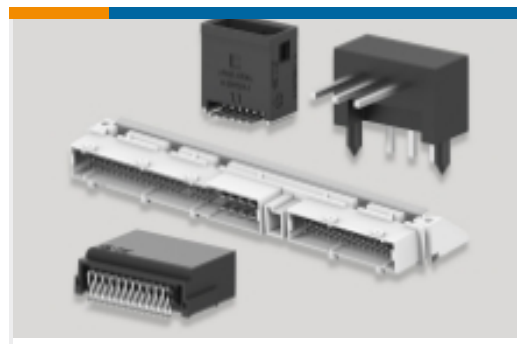
Automotive Housings(618)

Automotive Seals & Cavity Plugs(5)

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Housing for Male Terminals, Wire-to-Wire, 6 Position, .359 in [9.12 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

Insertion & Extraction Tools(3)

Other Automotive Connector Accessories(16)

PCB Headers & Receptacles(102)

Customers Also Bought

TE Part #DT04-2P-L012
DEUTSCH DT Receptacle Connectors

TE Part #HDP24-24-21SE-L017
REC, 21P, BLK, E, RNG, 12/16, S

TE Part #W6P
WEDGE LOCK, 6P, REC, GRN, DT

TE Part #2292865-2
AMPSEAL 16 Connectors Backshell

TE Part #TAA755A1611-020
M12A5-MS-FS-PVC-2.0M

TE Part #1SET411015R0000
WD-1-DP-GR4080

Documents

Product Drawings
REC, 6P, GRY, N, FLANGE

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_DT04-6P-L012_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_DT04-6P-L012_E.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_DT04-6P-L012_E.3d_stp.zip

English

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

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English