

DT15-6P-GP01

✓ ACTIVE

DEUTSCH | DEUTSCH DT

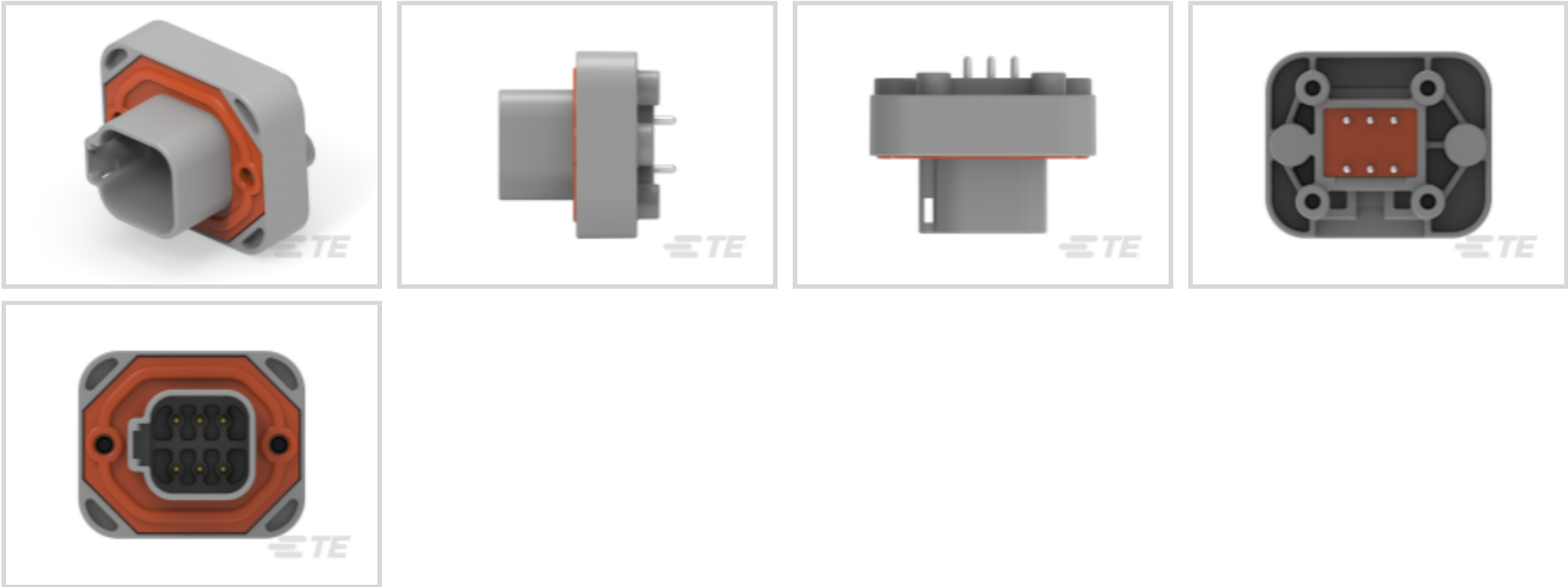
TE Internal #: DT15-6P-GP01

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 1.45 mm [.175 in] Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, DEUTSCH DT

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Connectors > PCB Connectors > PCB Headers & Receptacles > DEUTSCH DT Headers



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **6**

Number of Rows: **2**

[All DEUTSCH DT Headers \(73\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector Product Type	Connector Assembly

Configuration Features

Number of Signal Positions	6
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	6



Number of Rows	2
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Electrical Characteristics

Operating Voltage	250 VDC
Voltage Rating (Max)	250 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Primary Product Color	Gray
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Contact Features

Mating Pin Diameter	1.59 mm[.063 in]
Contact Size	Size 16
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	13 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	With
Mating Retention Type	Locking Interface
Mounting Holes	With
Mating Retention	With
Mating Alignment Type	Not Keyed
PCB Mount Retention Type	Mounting Screw
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Panel Mount
Mating Alignment	Without

Housing Features

Centerline (Pitch)	1.45 mm[.175 in]
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Dimensions

Connector Width	42.8 mm[1.685 in]
PCB Thickness (Recommended)	.78 – 2.36 mm[.031 – .093 in]



Profile Height from PCB	35.26 mm[1.388 in]
Connector Length	39.5 mm[1.555 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

IP Rating	Not Tested
UL Rating	Recognized
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	210
Packaging Method	Box

Other

Interface Number	DT04-6P
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



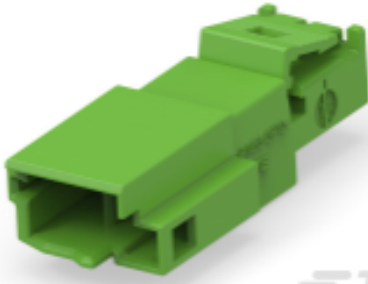
EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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


Also in the Series | DEUTSCH DT



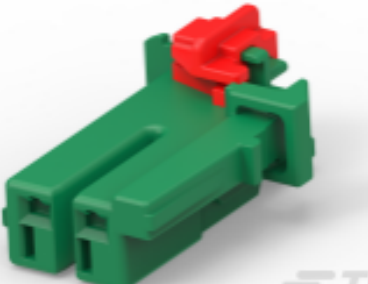
## Customers Also Bought




TE Part #2203701-3  
2POS, MCON 1.2 CB TAB 2p TL  
UNSEALED




TE Part #1744429-4  
3.96 EP HDR ASSY 4P W/PEGS, GW




TE Part #2356394-3  
2POS, MCON 1.2 CB REC 2p TL  
UNSEALED



TE Part #2120947-1  
M12 DC POWER PLUG CONNECTOR,  
T-CODED




TE Part #DT15-4P  
HDR, 4P, GRY, ST, NI/CU




TE Part #DT04-12PA-BE04  
REC, 12P, BLK, E, ENH KEY, CAP, A




TE Part #2203698-1  
2P MCON UNSEALED PLUG WIRE  
DRESS



TE Part #1969608-2  
2P VAL-U-LOK TPA 22-18 AWG



TE Part #1011-347-0605  
DUST CAP, 6P, PLG, BLK, DT



TE Part #1544676-1  
1.5 MM PIN HSG 7W SEALED

## Documents

### Product Drawings

HDR, 6P, GRY, ST, 5 PSI, AU/NI/CU

English

### CAD Files

Customer View Model

ENG\_CVM\_CVM\_DT15-6P-GP01\_99.2d\_dxf.zip

English

### 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT15-6P-GP01\_99.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT15-6P-GP01\_99.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.





Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

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CONNECTOR SELECTOR

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Product Specifications

Application Specification

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Agency Approvals

UL Report

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