

DT15-08PA

✓ ACTIVE

DEUTSCH | DEUTSCH DT

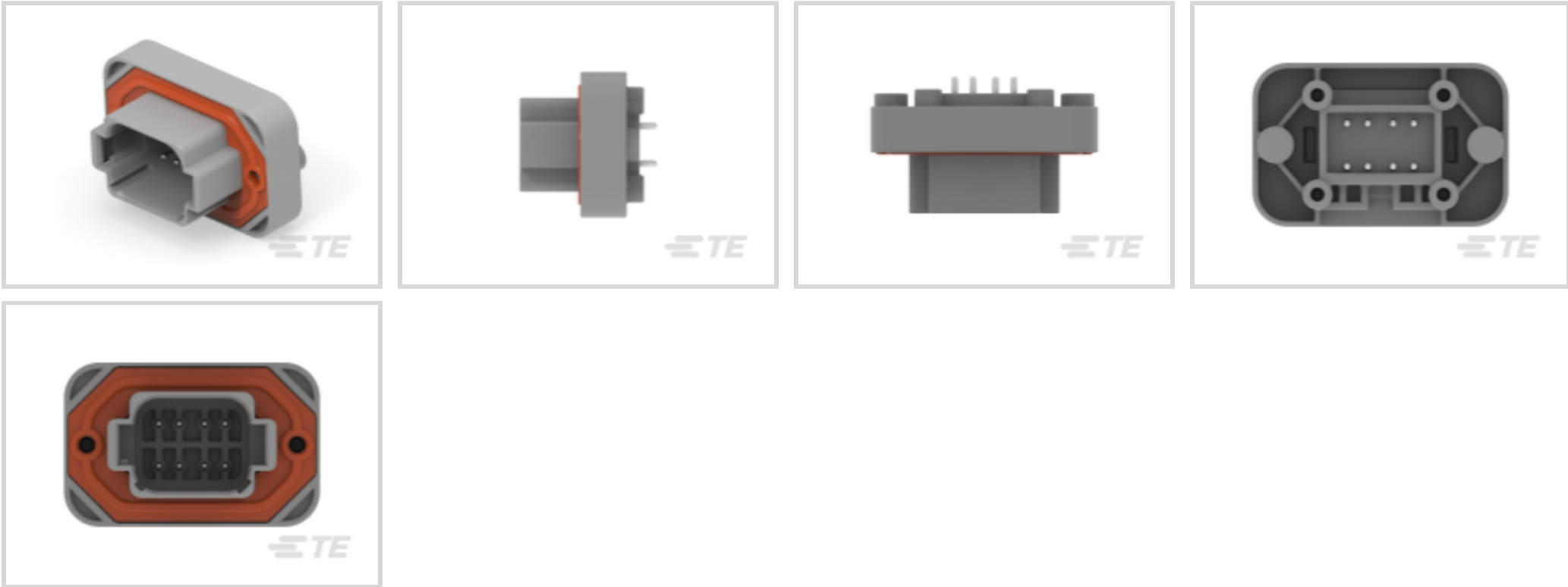
TE Internal #: DT15-08PA

PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 5.46 mm [.215 in] Centerline, Fully Shrouded, Nickel, Through Hole - Solder, DEUTSCH DT

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



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **2**

[All DEUTSCH DT Headers \(72\)](#)

Features

Electrical Characteristics

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

Dimensions

Connector Width	55.12 mm[2.17 in]
PCB Thickness (Recommended)	.78 – 2.36 mm[.031 – .093 in]
Profile Height from PCB	35.48 mm[1.397 in]
Connector Length	39.24 mm[1.545 in]

Other

Interface Number	DT04-08PA
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



Packaging Features

Packaging Quantity	125
Packaging Method	Box

Industry Standards

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

Usage Conditions

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

Body Features

Connector & Keying Code	A
Primary Product Color	Gray

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Mechanical Attachment

Panel Mount Feature	With
Mating Retention Type	Locking Interface
Mounting Holes	With
Mating Retention	With
Mating Alignment Type	Keyed
PCB Mount Retention Type	Mounting Screw
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

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	Nickel



Contact Type	Pin
Contact Current Rating (Max)	13 A

Configuration Features

Number of Signal Positions	8
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	2

Product Type Features

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

Termination Features

Termination Method to PCB	Through Hole - Solder
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Housing Features

Centerline (Pitch)	5.46 mm[.215 in]
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)



Decamethylcyclopentasiloxane (D5) (.5% in Component Part)

**Article Safe Usage Statements:**  
Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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-D487-CH8172  
DEUTSCH DT Series Housings & Connectors

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

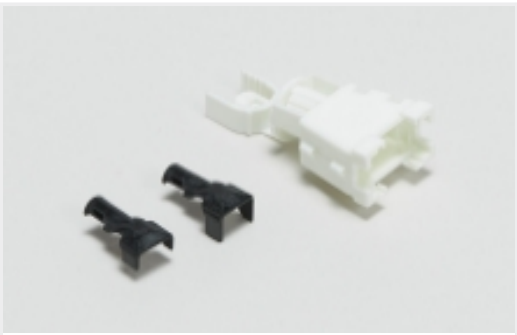
Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers (19)

Automotive Housings(738)

Connector Caps & Covers(1)

Connector Strain Relief(31)



Rectangular Backshells & Clamps(3)

Customers Also Bought



TE Part #CAT-SIGH262  
Signal Header



TE Part #CAT-D487-H342  
DEUTSCH DT Headers



TE Part #1-1670615-1  
36POS,MIXED,HEADER ASSY,CONV.  
KIT 25POS



TE Part #2286547-1  
HSD,HDR ASSY,180DEG,COD A



TE Part #1-1670615-2  
36POS,MIXED,HEADER ASSY,CONV.  
KIT 25POS



TE Part #8-1676480-5  
CRG0402 1% 6K8

Documents

Product Drawings

HDR, 8P, GRY, ST, NI/CU, A

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_DT15-08PA\_99.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DT15-08PA\_99.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_DT15-08PA\_99.3d\_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

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Product Specifications

Application Specification

English

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Agency Approvals

UL Report

English