

# DT15-08PD ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT15-08PD

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

[View on TE.com >](#)



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



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

Number of Positions: **8**

Number of Rows: **2**

Centerline (Pitch): **5.46 mm [.215 in]**

PCB Mount Orientation: **Vertical**

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

## Features

### Product Type Features

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

### Configuration Features

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



### Electrical Characteristics

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

### Body Features

Connector & Keying Code	D
Primary Product Color	Brown

### Contact Features

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

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	5.46 mm[.215 in]
--------------------	------------------

### Dimensions

Connector Length	39.24 mm[1.545 in]
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]
-------------------------	--------------------

### 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

Degree of Protection	Not Tested
UL Rating	Recognized
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Quantity	125
Packaging Method	Box

### Other

Interface Number	DT04-08PD
------------------	-----------

## 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) <b>Article Safe Usage Statements:</b> 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 # DT06-08SD  
PLG, 8P, BRN, N, D



TE Part # DT06-08SD-CE01  
PLG, 8P, BRN, E, CAP, D



TE Part # DT06-08SD-CE05  
PLG, 8P, BRN, E, SEAL RET, CAP, D



TE Part # DT06-08SD-EP06  
PLG, 8P, BRN, N, SEAL RET, CAP, D



TE Part # DT06-08SD-P012  
PLG, 8P, BRN, N, SEAL RET, D

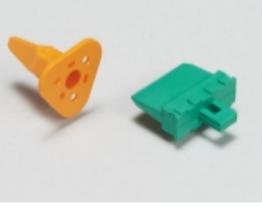


TE Part # CAT-D487-CH8172  
DEUTSCH DT Series Housings & Connectors

### Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(86)



Automotive Housings(654)



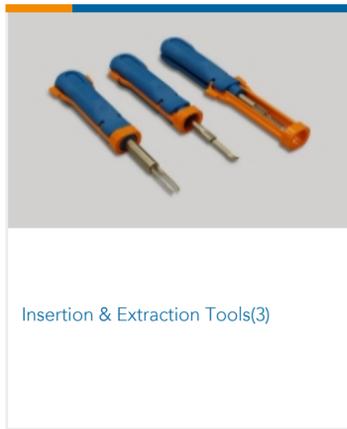
Connector Backshells(61)



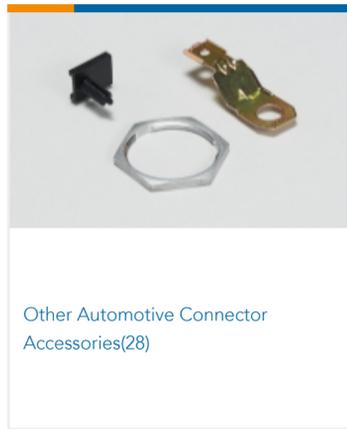
Connector Seals & Cavity Plugs(6)



Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)

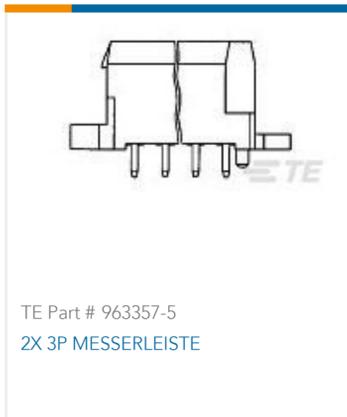


PCB Headers & Receptacles(105)

## Customers Also Bought



TE Part # W8S  
WEDGE LOCK, 8P, PLG, ORG, STD, DT



TE Part # 963357-5  
2X 3P MESSERLEISTE



TE Part # 163085-9  
.062 DIA PIN ASS 3+



TE Part # DT4P-BT  
BOOT, 4P, REC, ST, GRY



TE Part # 3-350819-2  
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part # 0462-203-04141  
SOC, SOLID, SIZE 4, 6AWG, NI



TE Part # DT06-08SC-C015  
PLG, 8P, GRN, E, C



TE Part # 2386144-1  
DEUTSCH HDP20 Housings



TE Part # 5004-001-2405  
DUST CAP, 24SZ, REC, BLK, HDBOX

## Documents



**Product Drawings**

[HDR, 8P, BRN, ST, NI/CU, D](#)

English

---

**CAD Files**

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DT15-08PD\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DT15-08PD\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DT15-08PD\\_F.3d\\_stp.zip](#)

English

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

---

**Datasheets & Catalog Pages**

[CONNECTOR SELECTOR](#)

English

---

**Product Specifications**

[Application Specification](#)

English

---

**Agency Approvals**

[UL Report](#)

English