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

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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]

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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 Type	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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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.

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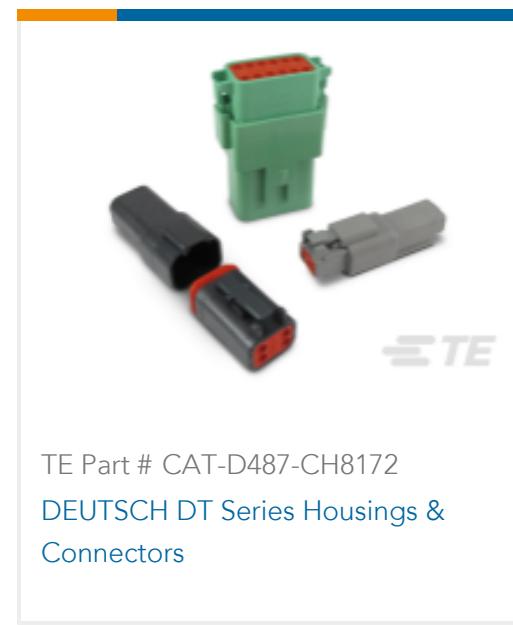
TE Part # CAT-D487-CH8172
DEUTSCH DT Series Housings & Connectors

Also in the Series | DEUTSCH DT

Automotive Connector Caps & Covers (19)

Automotive Connector Locks & Position Assurance(74)
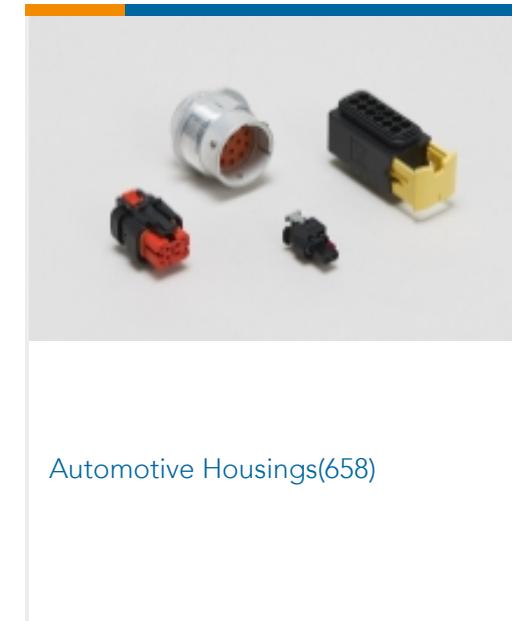
Automotive Housings(658)
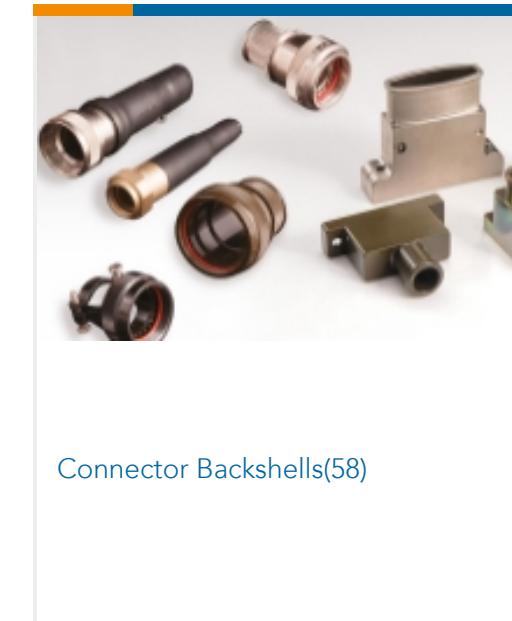
Connector Backshells(58)

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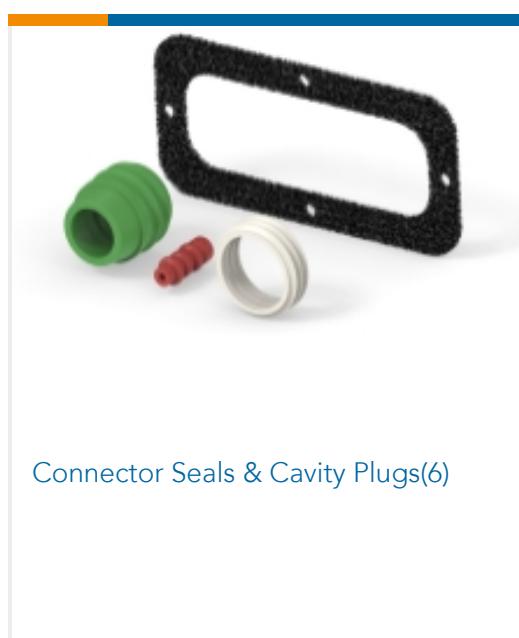
Connector Seals & Cavity Plugs(6)
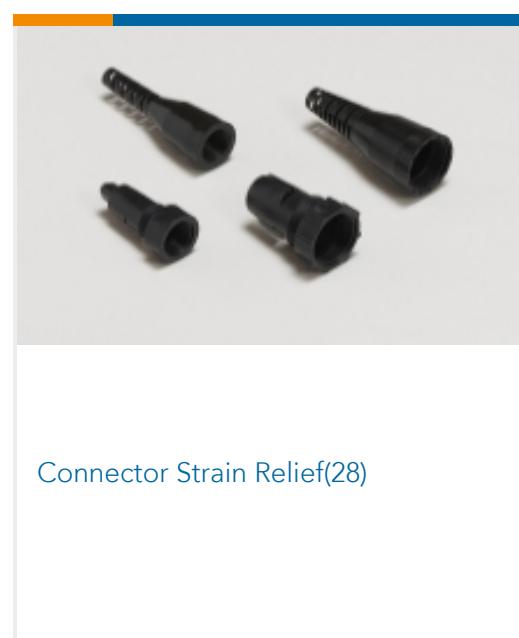
Connector Strain Relief(28)
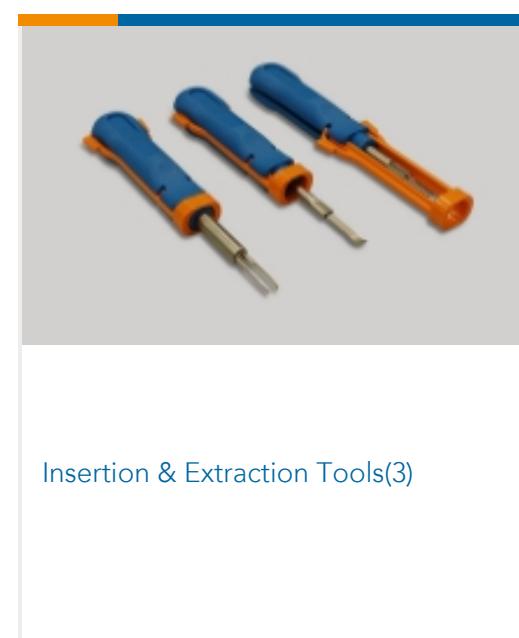
Insertion & Extraction Tools(3)
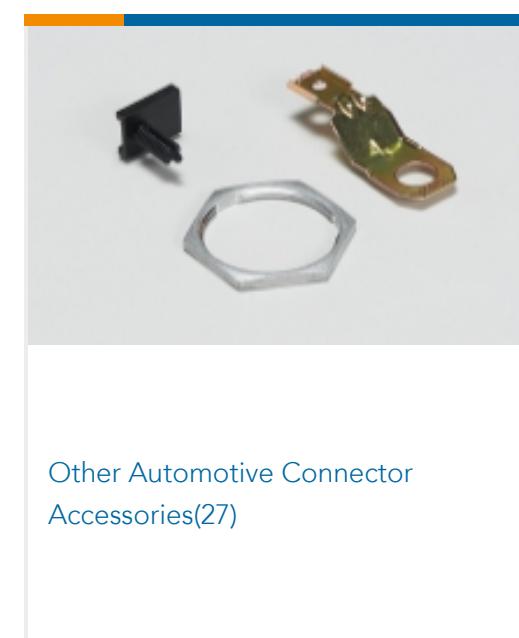
Other Automotive Connector Accessories(27)

PCB Headers & Receptacles(103)

Customers Also Bought

TE Part #5227699-1
BNC PCB VERTICAL

TE Part #8-188275-8
MICRO-MATCH SMD FTE
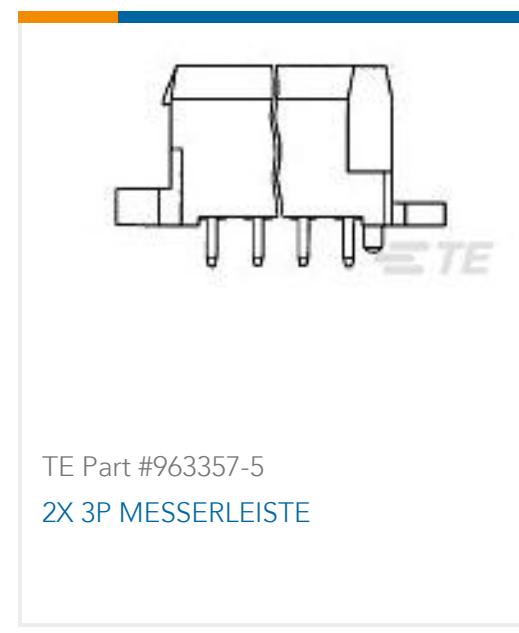
TE Part #963357-5
2X 3P MESSERLEISTE

TE Part #644874-3
03P MTA100 HDR ASSY,SPCL BEND

TE Part #1-5103308-0
A/L LOW PRO HDR 50P VERT BLACK

TE Part #284514-6
6 POS TERMI-BLOK HDR DIR. POL.

TE Part #796640-5
5 POS 5.0 MM R/A PLUG,TRM BLK

TE Part #DT15-12PC-B016
DEUTSCH DT Headers

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

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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