

DTF15-12PA ✓ ACTIVE

DEUTSCH | DEUTSCH DT

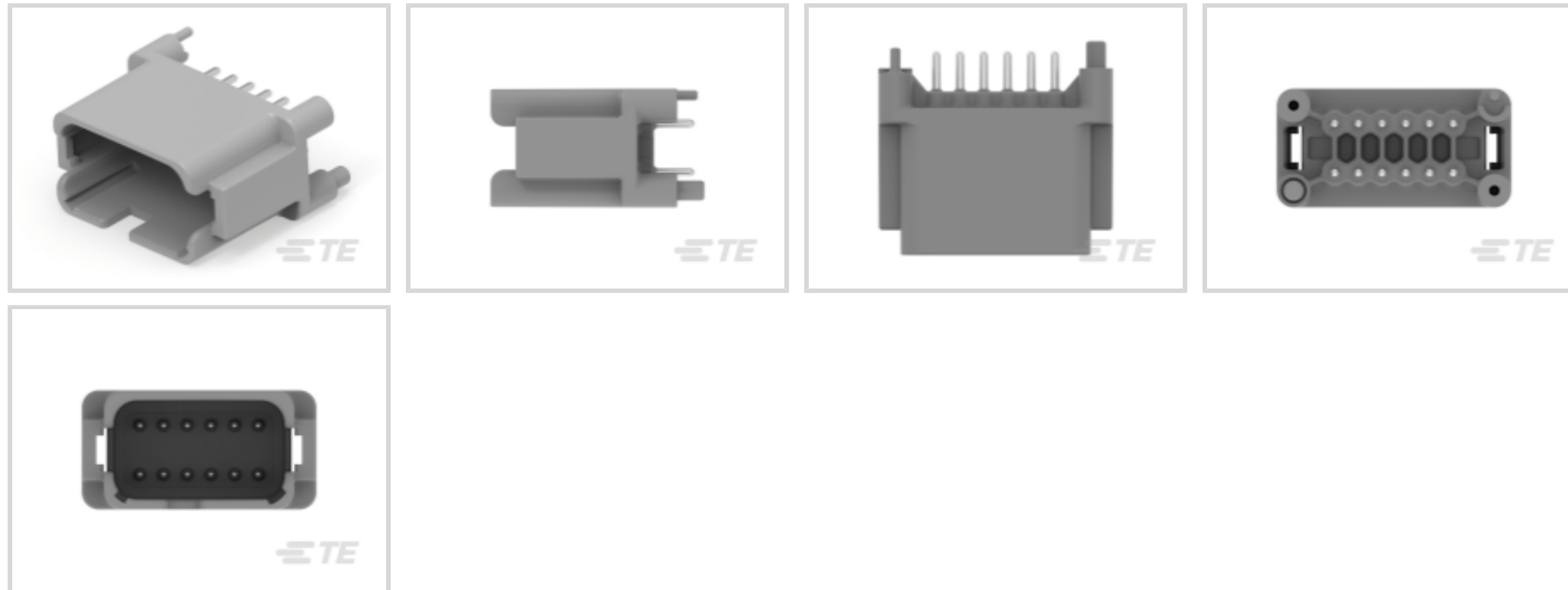
TE Internal #: DTF15-12PA

PCB Mount Header, Vertical, Wire-to-Board, 12 Position, 1.45 mm [0.175 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Sealable, DEUTSCH DT

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



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Interface Number	DT04-12PA-B016

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

Configuration Features



Number of Signal Positions	12
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	12
Number of Rows	2

Electrical Characteristics

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

Body Features

Connector & Keying Code	A
Primary Product Color	Gray

Contact Features

Mating Pin Diameter	1.59 mm [.063 in]
Contact Size	Size 16
Contact Mating Area Plating Material	Tin
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	Without
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

Housing Features



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

Connector Width	43.94 mm [1.73 in]
PCB Thickness (Recommended)	.78 – 2.36 mm [.031 – .093 in]
Profile Height from PCB	34.98 mm [1.377 in]
Connector Length	34.98 mm [1.377 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	280
Packaging Method	Box

Product Compliance

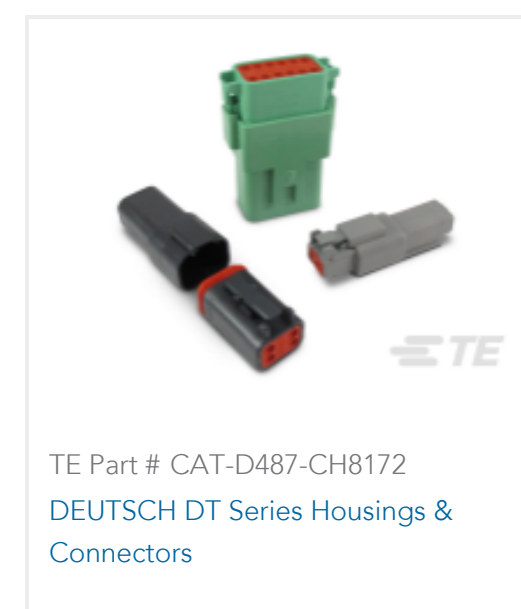
[For compliance documentation, visit the product page on TE.com>](#)

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) 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

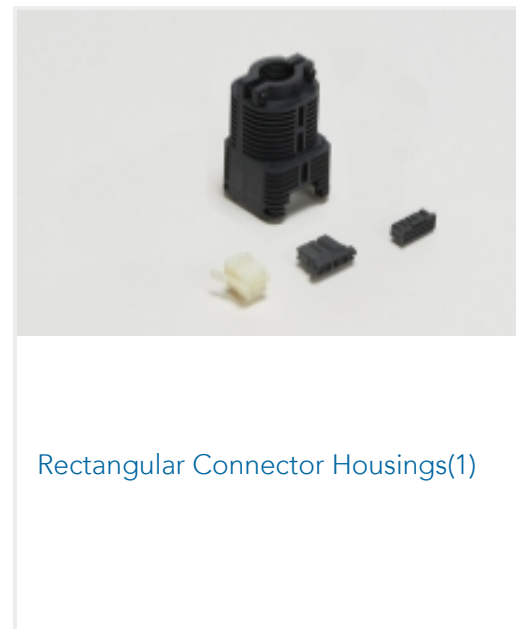
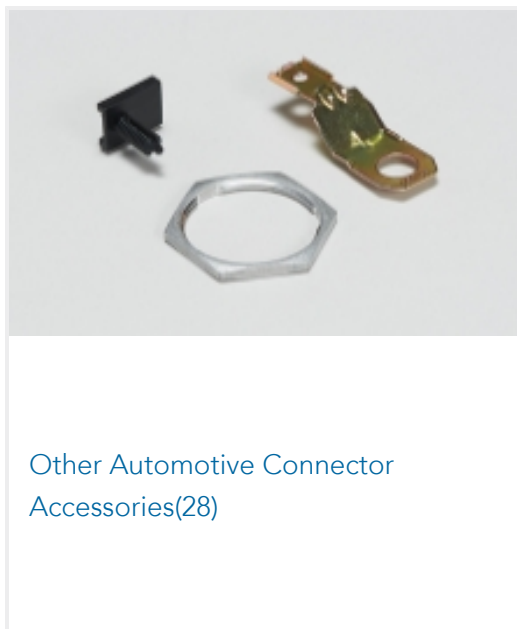
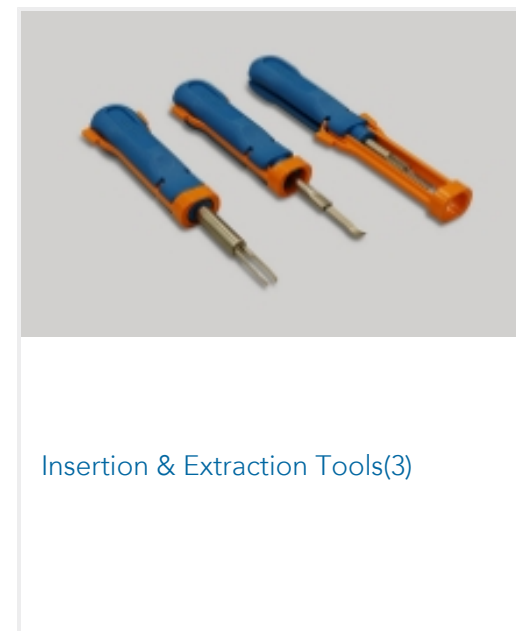
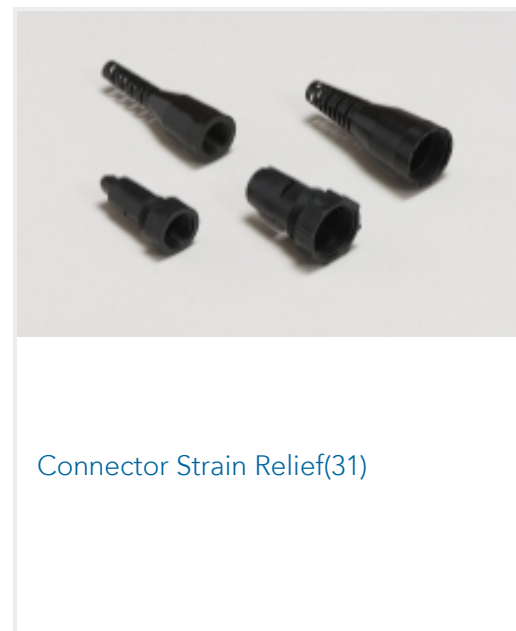
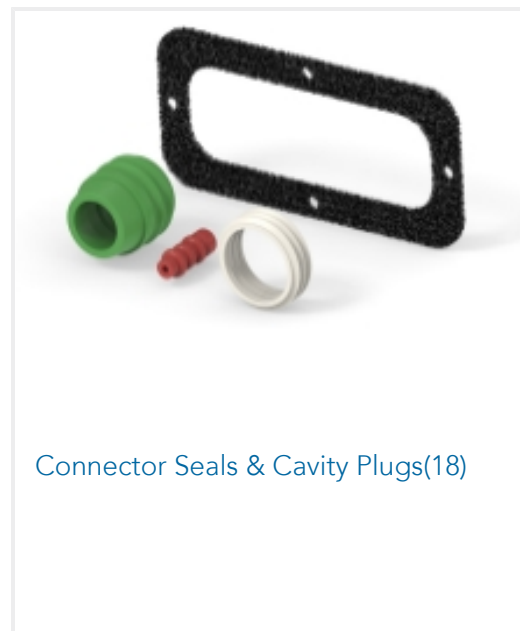
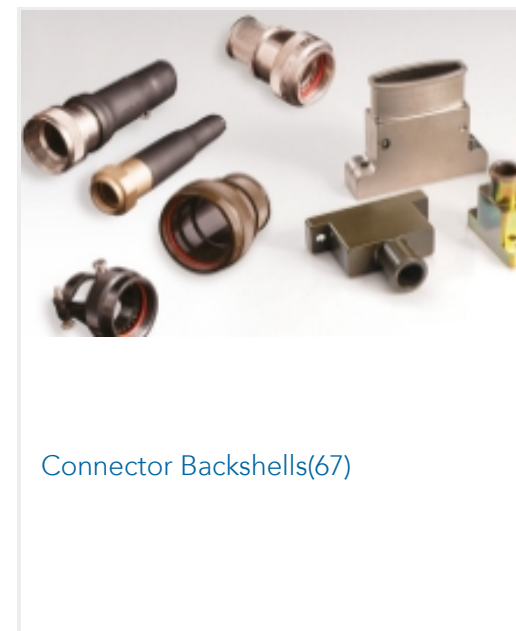
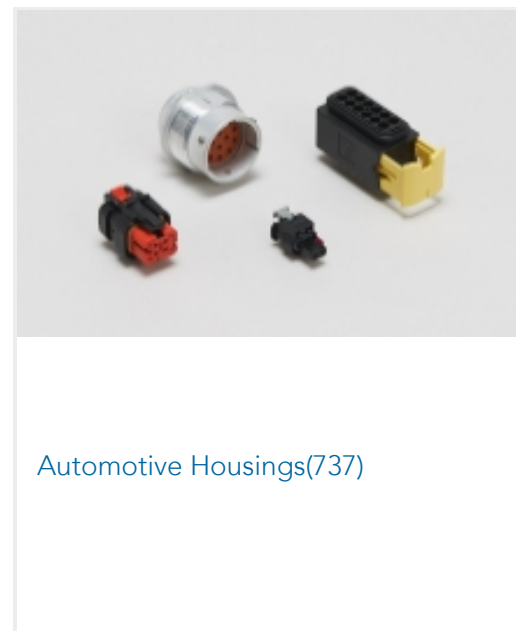
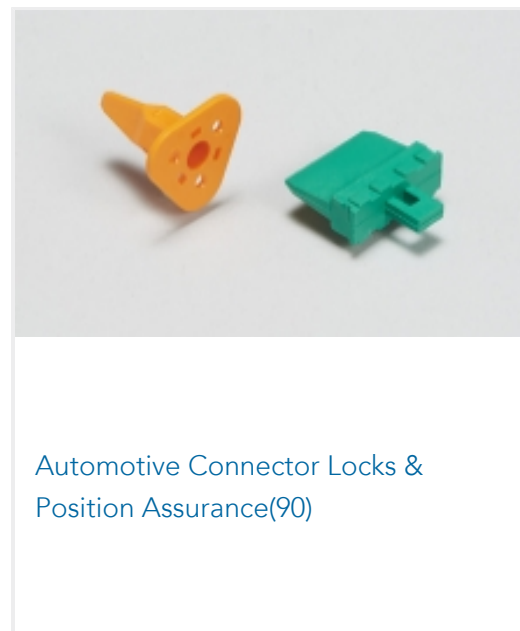
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

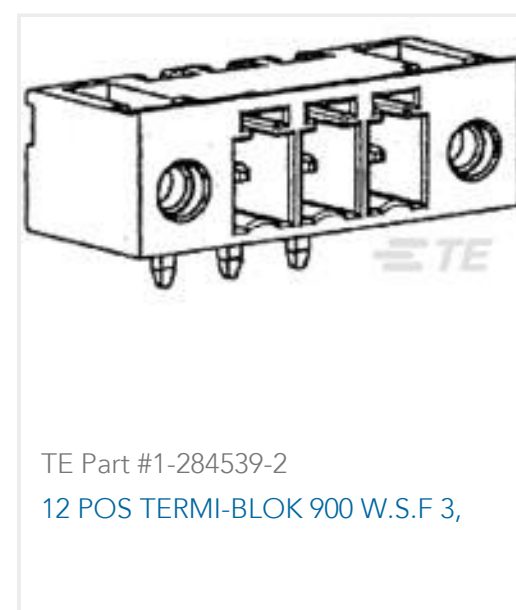
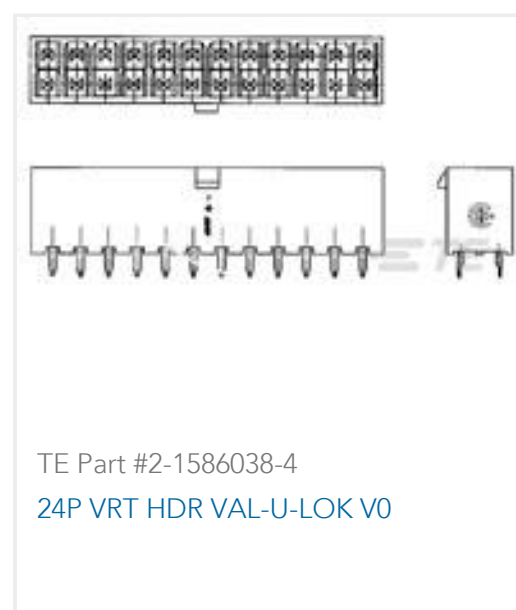
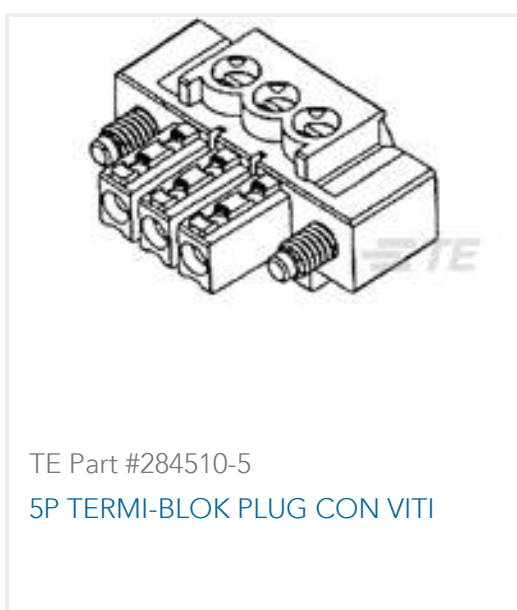




Also in the Series | **DEUTSCH DT**



Customers Also Bought





TE Part #DTM1312PA12PBR008
DEUTSCH DTM Headers



TE Part #DT13-12PD-B016
HDR, 12P, BRN, RA, ENH KEY, NI/CU,
D



TE Part #HUM-868-PRO
Module HUM-PRO 868MHz FHSS FM
XCVR



TE Part #7-146274-0
20 MODII HDR SRST B/A .100CL

Documents

Product Drawings

[HDR, 12P, GRY, ST, SN/NI/CU, A](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_DTF15-12PA_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_DTF15-12PA_A.3d_igs.zip](#)

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[Customer View Model](#)

[ENG_CVM_CVM_DTF15-12PA_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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Product Specifications

[Application Specification](#)

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Agency Approvals

[UL Report](#)

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