

DTM04-12PA

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM04-12PA

Housing for Male Terminals, Wire-to-Wire, 12 Position, .165 in [4.19 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM HOUSINGS



Connector & Housing Type: **Housing for Male Terminals**

Mating Pin Diameter: **1.02 mm [ .04 in ]**

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

Number of Positions: **12**

Centerline (Pitch): **4.19 mm [ .165 in ]**

[All DEUTSCH DTM HOUSINGS \(95\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180°
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Primary Product Color	Gray
Connector & Keying Code	A

Contact Features

Contact Size	Size 20
Contact Type	Pin
Mating Pin Diameter	1.02 mm[.04 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.19 mm[.165 in]

Dimensions

Connector Height	40.01 mm[1.575 in]
Product Width	20.22 mm[.796 in]
Product Length	43.69 mm[1.72 in]
Row-to-Row Spacing	7.11 mm[.28 in]
Accepts Wire Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP68, IP6K9K
Agency/Standard	SAE J2030
UL Flammability Rating	20mm Flame Test per Standard UL-94

Packaging Features



Packaging Quantity	350
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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





TE Part # CAT-D485-W416  
DEUTSCH DTM WEDGELOCKS



TE Part # CAT-D487-M8649  
DEUTSCH DT Mounting Clips



TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



TE Part # CAT-D48-SP729  
DEUTSCH SEALING PLUGS



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



TE Part # CAT-D485-CH8172  
DEUTSCH DTM HOUSINGS



TE Part # 1028-034-1205  
BKSHL, 12P, BLK, REC, ST, NW 13/17



TE Part # 1011-053-1205  
SEAL RET, 12P, BLK, DTM, B



TE Part # CAT-D48-SFT273  
DEUTSCH STAMPED & FORMED CONTACTS



TE Part # 1924487-2  
MOUNTING CLIP, AMPSEAL 16



TE Part # DTM12P-DC  
PROTECT CVR, 12P, REC, GRY, DTM



TE Part # DTM12P-BT  
BOOT, 12P, REC, ST, GRY




TE Part # DTM12P-BT-BK  
BOOT, 12P, REC, ST, BLK

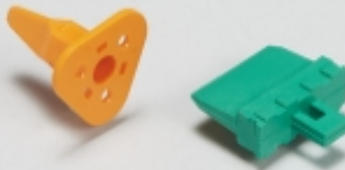


TE Part # 1010-042-1206  
SEAL, INTF, 12P, RED-ORG, DTM


Also in the Series | **DEUTSCH DT**




Automotive Connector Caps & Covers  
(107)



Automotive Connector Locks &  
Position Assurance(73)



Automotive Housings(622)



Automotive Seals & Cavity Plugs(4)

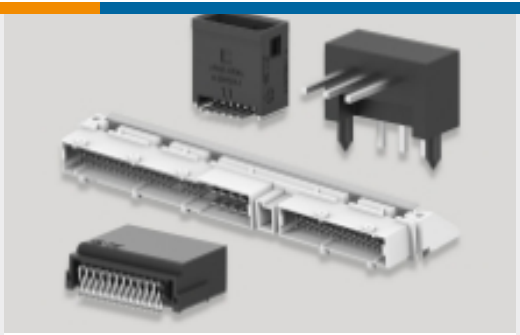




Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(14)

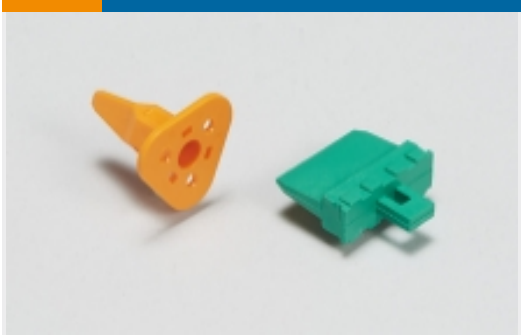


PCB Headers & Receptacles(102)

Also in the Series | **DEUTSCH DTM**



Automotive Connector Caps & Covers (41)



Automotive Connector Locks & Position Assurance(17)



Automotive Housings(98)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(36)

Customers Also Bought



TE Part #DTM04-12PB  
DEUTSCH DTM HOUSINGS



TE Part #WM-8P  
DEUTSCH DTM WEDGELOCKS

Documents

**Product Drawings**  
**REC, 12P, GRY, N, A**

English

**CAD Files**  
Customer View Model  
**ENG\_CVM\_CVM\_DTM04-12PA\_99.2d\_dxf.zip**



English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM04-12PA\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DTM04-12PA\\_99.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

English

Agency Approvals

[UL Report](#)

English