

DTM04-12PA-L012

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

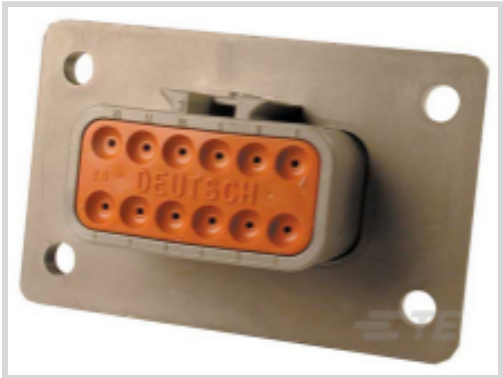
TE Internal #: DTM04-12PA-L012

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

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



Number of Positions: 12

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

Mating Pin Diameter: 1 mm [.04 in]

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

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

[All DEUTSCH DTM Housings \(113\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	Welded Flange
Number of Positions	12
Number of Rows	2

Electrical Characteristics

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

Body Features



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

Contact Features

Contact Size	Size 20
Contact Type	Pin
Mating Pin Diameter	1 mm[.04 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Nylon 66 GF
Centerline (Pitch)	4.19 mm[.165 in]

Dimensions

Row-to-Row Spacing	7.11 mm[.279 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]
Product Width	35.6 mm[1.4 in]
Product Length	55.1 mm[2.17 in]
Connector Height	43.7 mm[1.72 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>

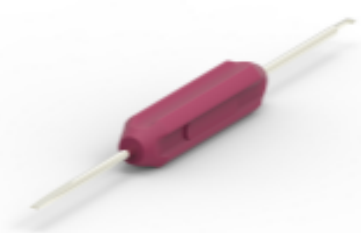
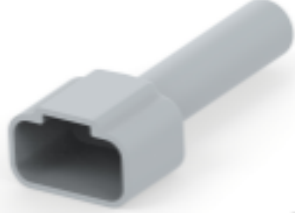
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27519454050) Decamethylcyclopentasiloxane (D5) (.5% in 27519454050) Octamethylcyclotetrasiloxane (D4) (.5% in 27519454050) 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 # 1060-20-0277 PIN, SF, SIZE 20, 16-22, SN/SN	 TE Part # 1060-20-0177 PIN, SF, SIZE 20, 16-22, SN/SN	 TE Part # 1011-052-1205 SEAL RET, 12P, GRY, DTM, A	 TE Part # CAT-D48-SFT273 DEUTSCH Stamped and Formed Contacts
 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE	 TE Part # DTM12P-BT-BK BOOT, 12P, REC, ST, BLK	 TE Part # 1060-20-0244 PIN, SF, SIZE 20, 16-22, AU/SN
 TE Part # 1060-20-0122 PIN, SF, SIZE 20, 16-22, NI/NI	 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # 1060-20-0222 PIN, SF, SIZE 20, 16-22, NI/NI	 TE Part # CAT-D485-CH8172 DEUTSCH DTM Housings
 TE Part # CAT-D485-W416 DEUTSCH DTM Wedgelocks	 TE Part # 1060-20-0144 PIN, SF, SIZE 20, 16-22, AU/SN	 TE Part # 1060-20-0622 PIN, SF, SIZE 20, 14-16, NI/NI	 TE Part # 1028-034-1205 BKSHL, 12P, BLK, REC, ST, NW 13/17
 TE Part # DTM12P-BT BOOT, 12P, REC, ST, GRY	 TE Part # DTM12P-DC PROTECT CVR, 12P, REC, GRY, DTM		

Also in the Series | **DEUTSCH DT**



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(109)



Connector Caps & Covers(1)



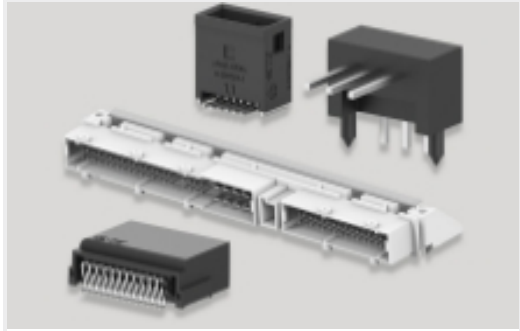
Connector Seals & Cavity Plugs(1)



Connector Strain Relief(28)



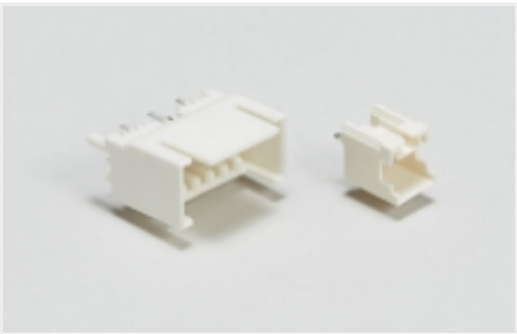
Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(38)

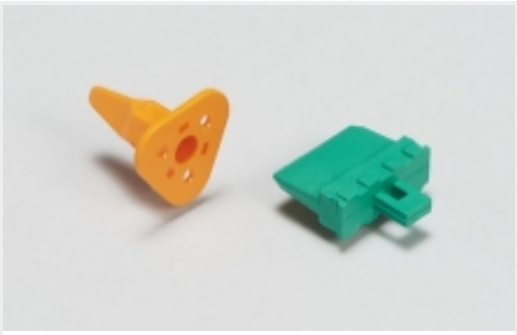


Rectangular Backshells & Clamps(1)



Wire-to-Board Headers & Receptacles (38)

Also in the Series | **DEUTSCH DTM**



Automotive Connector Locks & Position Assurance(26)



Automotive Headers(38)



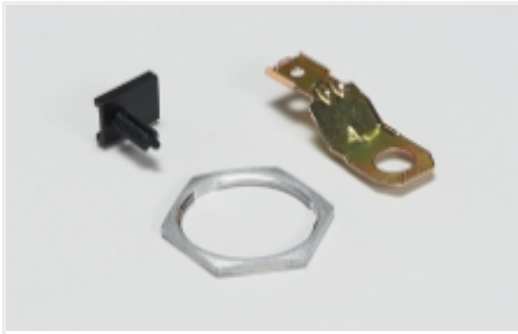
Automotive Housings(109)



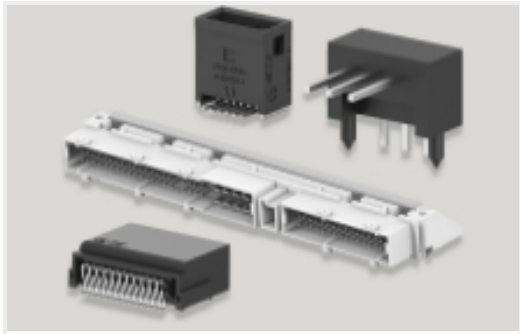
Connector Seals & Cavity Plugs(1)



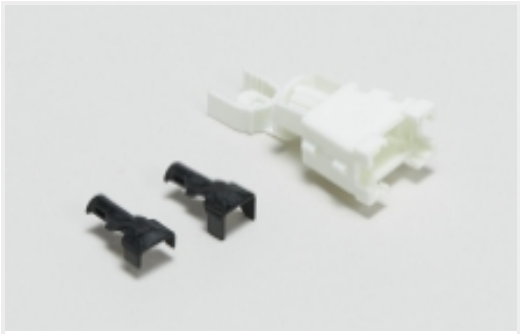
Connector Strain Relief(28)



Other Automotive Connector Accessories(7)



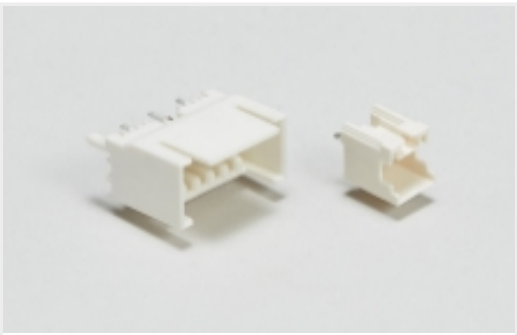
PCB Headers & Receptacles(38)



Rectangular Backshells & Clamps(1)

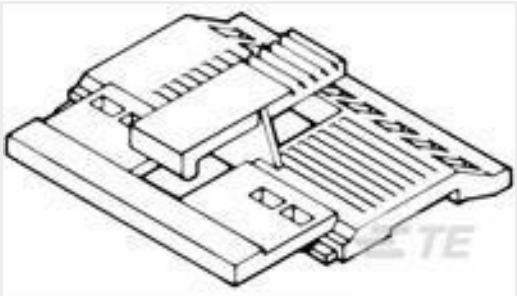
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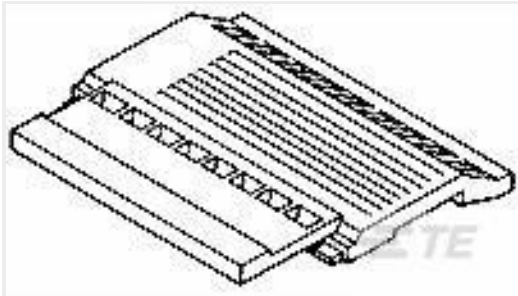


Wire-to-Board Headers & Receptacles
(38)

Customers Also Bought



TE Part #102681-1
12 AMPMODU MT COVER DR .100CL



TE Part #102540-3
10 AMPMODU MT COVER DR .100CL



TE Part #CAT-D485-CH8172
DEUTSCH DTM Housings



TE Part #DT12-L012-GKT
GASKET DT 12 WY FLD RC



TE Part #CAT-D485-W416
DEUTSCH DTM Wedgelocks



TE Part #DT04-08PB-L012
REC, 8P, BLK, N, FLANGE, B



TE Part #5-102398-3
10 AMPMODU MT ASSY DR .100CL



TE Part #7-1393304-1
V23134M1052C642-EV-CBOX

Documents

Product Drawings

REC, 12P, GRY, N, FLANGE, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTM04-12PA-L012_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTM04-12PA-L012_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTM04-12PA-L012_A.3d_stp.zip

English

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English