

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM04-08PA

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

Hybrid

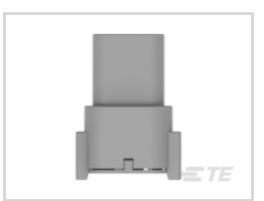
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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings











Number of Positions: 8

Connector & Housing Type: Housing for Male Terminals

Mating Pin Diameter: 1 mm [.04 in]
Connector System: Wire-to-Wire
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-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Blank Cavity Position	0
Connector Seal Code	N Seal
Number of Positions	8

2

Number of Rows



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

Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66 GF15
Centerline (Pitch)	4.19 mm[.165 in]

Dimensions

Row-to-Row Spacing	7.11 mm[.28 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]
Product Width	20.22 mm[.796 in]
Product Length	43.69 mm[1.72 in]
Connector Height	31.62 mm[1.245 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



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

Packaging Features

Packaging Quantity	500
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 27519261140) Decamethylcyclopentasiloxane (D5) (.5% in 27519759141) Octamethylcyclotetrasiloxane (D4) (.5% in 27519261140) 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-onreach

Compatible Parts











TE Part # CAT-D485-CH8172 DEUTSCH DTM Housings



TE Part # CAT-D485-W416 DEUTSCH DTM Wedgelocks









TE Part # 1060-20-0277 PIN, SF, SIZE 20, 16-22, SN/SN



TE Part # 1060-20-0622 PIN, SF, SIZE 20, 14-16, NI/NI







DEUTSCH Stamped and Formed Contacts



TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs



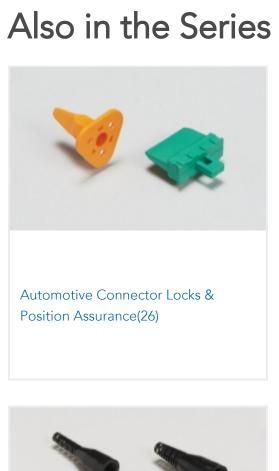
TE Part # 1924487-2 MOUNTING CLIP, AMPSEAL 16

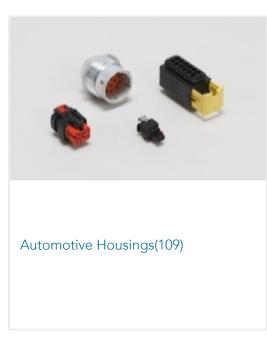




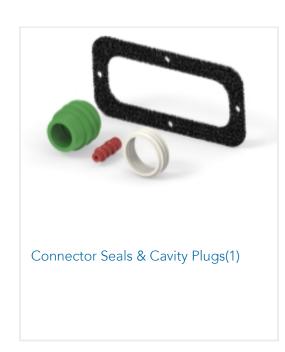


Also in the Series | DEUTSCH DT







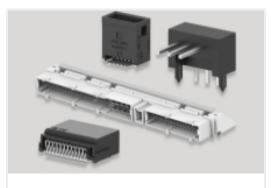








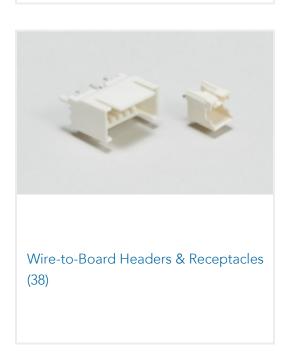
Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(38)



Rectangular Backshells & Clamps(1)

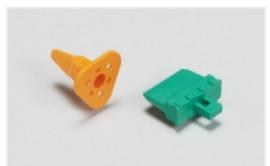


Also in the Series | DEUTSCH DTM





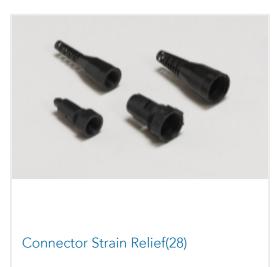
Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(109)



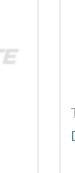


Other Automotive Connector Accessories(7)



Customers Also Bought







Documents

Product Drawings

REC, 8P, GRY, N, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTM04-08PA_99_c-dtm04-08pa-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTM04-08PA_99_c-dtm04-08pa-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTM04-08PA_99_c-dtm04-08pa-99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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



Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Agency Approvals

UL Report

English