



Connectors > Automotive Connectors > Connector Housings > DEUTSCH DTM HOUSINGS



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

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

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

Number of Positions: **6**

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

[All DEUTSCH DTM HOUSINGS \(86\)](#)

Features

Product Type Features

Connector & Housing Type	Housing for Female 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	6
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°
Body Material	PA GF



Primary Product Color	Gray
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Contact Features

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

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized

Housing Features

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

Product Width	15.24 mm[.6 in]
Product Length	30.1 mm[1.185 in]
Product Height	20.75 mm[.817 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

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

Packaging Features

Packaging Quantity	1300
Packaging Method	Box

Other

Serviceable	Yes
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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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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 # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS



TE Part # CAT-D485-CH8172
DEUTSCH DTM HOUSINGS



TE Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS





TE Part # WM-6S
WEDGE LOCK, 6P, PLG, ORG, DTM



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



TE Part # DTM6S-BT
BOOT, 6P, PLG, ST, GRY



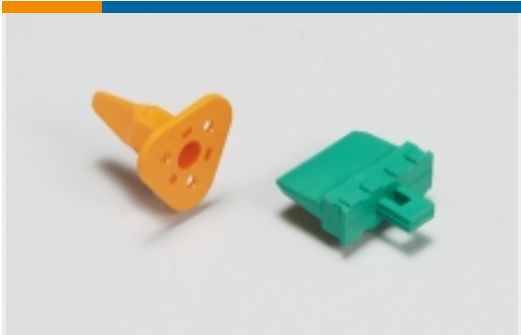
TE Part # DTM04-6P-C017
REC, 6P, GRY, BLOCKED

Also in the Series

DEUTSCH DT



Automotive Connector Caps & Covers
(71)



Automotive Connector Locks & Position Assurance(62)



Automotive Headers(83)



Automotive Housings(563)



Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



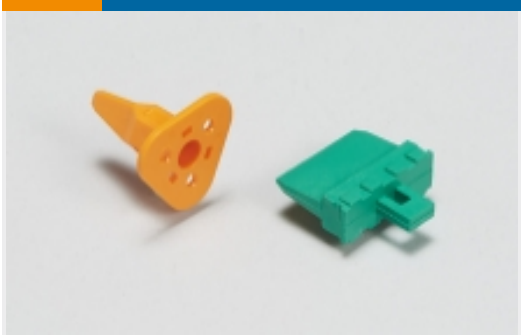
Other Automotive Connector Accessories(14)

Also in the Series

DEUTSCH DTM



Automotive Connector Caps & Covers
(16)



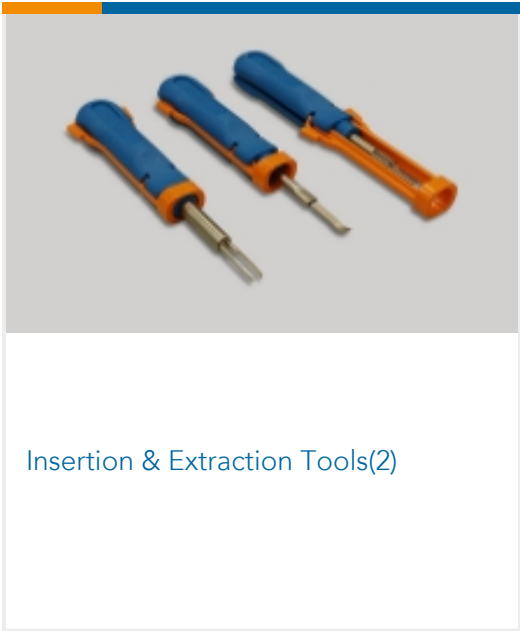
Automotive Connector Locks & Position Assurance(15)



Automotive Headers(29)



Automotive Housings(89)



Customers Also Bought

TE Part #2411-002-1805
DEUTSCH HDP20 MOUNTING
HARDWARE

TE Part #0462-201-20141
SOC, SOLID, SIZE 20, 20AWG, NI

TE Part #WP-4S
WEDGE LOCK, 4P, PLG, ORG, DTP

TE Part #1011-344-0205
DUST CAP, 2P, PLG, BLK, DT

TE Part #1062-20-0222
DEUTSCH STAMPED & FORMED
CONTACTS

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

PLG, 6P, GRY, N

English

CAD Files

Customer View Model

ENG_CVM_CVM_DTM06-6S_99.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTM06-6S_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTM06-6S_99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Product Environmental Compliance

MD_DTM06-6S_1106201767_dmtec

English

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English