DTM06-6S ✔ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

TE Internal #: DTM06-6S

Housing for Female Terminals, Wire-to-Wire, 6 Position, 4.19 mm [.165 in] Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings






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

Number of Positions: **6**

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

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

Sealable: **Yes**

All DEUTSCH DTM Housings (113)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC

Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray

Contact Features

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

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarized
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	30.1 mm[1.18 in]
Product Width	20.7 mm[.815 in]
Product Length	15.2 mm[.598 in]
Row-to-Row Spacing	4.19 mm[.165 in]
Compatible Insulation Diameter Range	1.3 – 3 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

Industry Standards

Degree of Protection	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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) **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 # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D485-CH8172
DEUTSCH DTM Housings



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



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # 1062-20-0622
SOC, SF, SIZE 20, 14-16, NI/NI



TE Part # 1062-20-0244
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # 1062-20-0322
SOC, SF, SIZE 20, 16-22, SLEVLESS, NI /NI



TE Part # 1062-20-0377
SOC, SF, SIZE 20, 16-22, SLEVLESS, SN /SN



TE Part # 1062-20-0277
SOC, SF, SIZE 20, 16-22, SN/SN



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



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



TE Part # 1062-20-0222
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0122
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0144
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # 1062-20-0177
SOC, SF, SIZE 20, 16-22, SN/SN



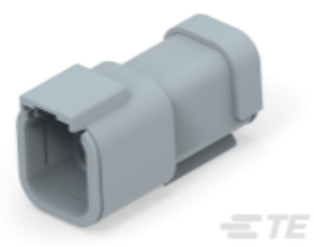
TE Part # 1062-20-0344
SOC, SF, SIZE 20, 16-22, SLEVLESS, AU /SN



TE Part # 1062-20-0644
SOC, SF, SIZE 20, 14-16, AU/SN



TE Part # 1062-20-0677
SOC, SF, SIZE 20, 14-16, SN/SN

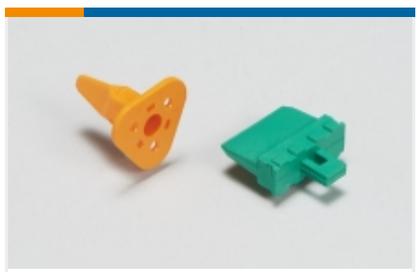


TE Part # DTM04-6P-C017
REC, 6P, GRY, BLOCKED

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Automotive Connector Locks & Position Assurance(87)



Automotive Housings(705)



Connector Backshells(61)



Connector Seals & Cavity Plugs(6)



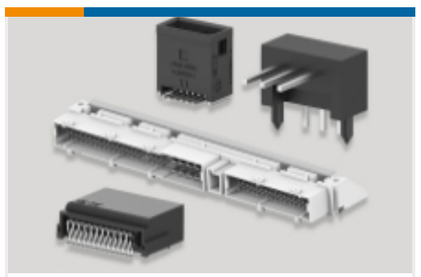
Connector Strain Relief(28)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(28)



PCB Headers & Receptacles(106)

Also in the Series | DEUTSCH DTM

Automotive Connector Caps & Covers (7)

Automotive Connector Locks & Position Assurance(25)

Automotive Housings(104)

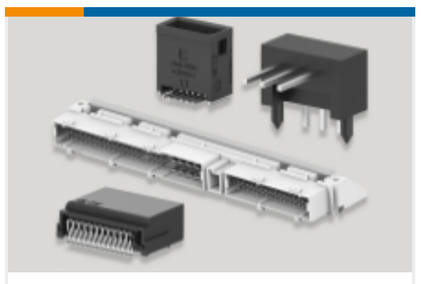
Connector Backshells(7)



Connector Strain Relief(28)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(38)

Customers Also Bought



TE Part #DTM04-12PA
DEUTSCH DTM Housings



TE Part #WM-12S
DEUTSCH DTM Wedgelocks



TE Part #0462-201-20141
DEUTSCH Solid Contacts



TE Part #2324872-1
AMP-IN TERMINAL

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

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

141991-2 3-1393225-0 1903112-2 1969656-1 2310537-1 2377783-2 SBCHE154R7K TE50BR39J 1-794222-0 1-962915-1 2-292161-3 3631B101LL U5254-000005-030PA 2380312-2 175977-2 3430B2F51RTDF 917696-1 936348-1 RH73H2A40MKTN 2834055-1 CPF0402B37K4E1 SBCHE64R7K 1393431-1 650075-000 CRGCQ2010J3K3 ROX05SJ18R SMW73R0JT 1743455-2 2005330-1 MPT100C18RF