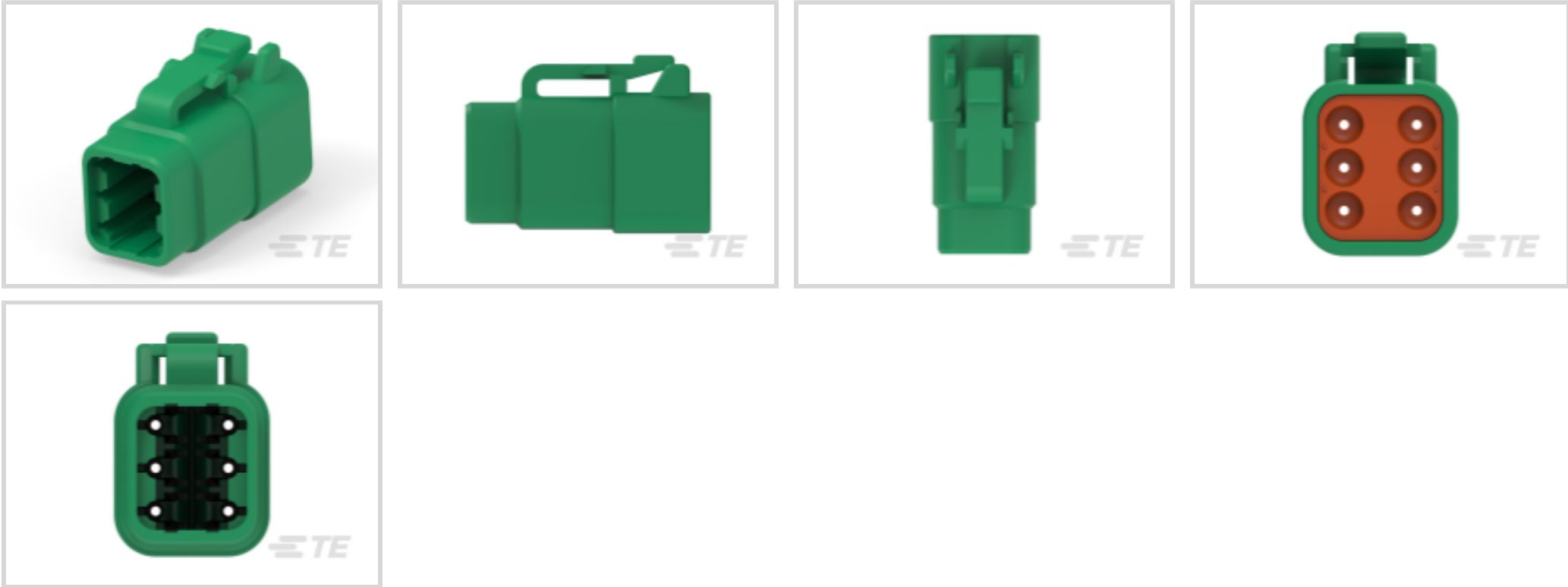




Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



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
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Nominal Voltage Architecture250 V

Body Features

Cable Exit Angle180°

Primary Product ColorGray

Contact Features

Contact SizeSize 20

Contact TypeSocket

Mating Pin Diameter1 mm[.04 in]

Contact Current Rating (Max)7.5 A

Mechanical Attachment

Terminal Position AssuranceNo

Strain ReliefWithout

Mating Alignment TypePolarized

Mating AlignmentWith

Connector Mounting TypeCable Mount (Free-Hanging)

Housing Features

Housing MaterialPA GF

Centerline (Pitch)4.19 mm[.165 in]

Dimensions

Connector Height30.1 mm[1.18 in]

Product Width20.7 mm[.815 in]

Product Length15.2 mm[.598 in]

Row-to-Row Spacing4.19 mm[.165 in]

Compatible Insulation Diameter Range1.3 – 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 ApplicationPower

Industry Standards

Degree of ProtectionIP68, IP6K9K

Compatible With Agency/Standards ProductsSAE J2030



UL Flammability Rating	UL 94V-0
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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](#)>

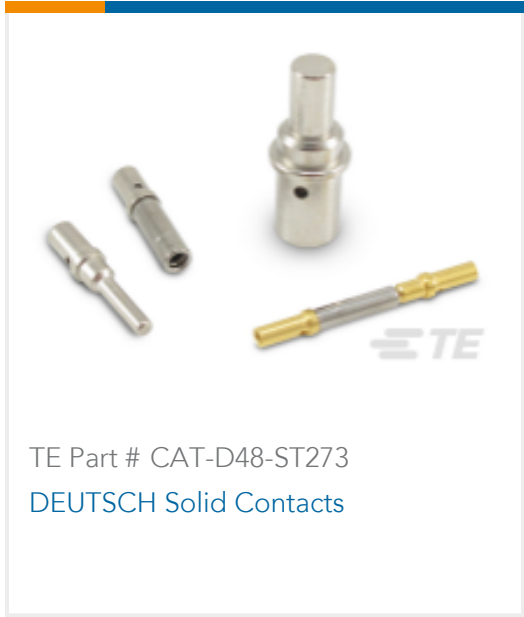
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > 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)



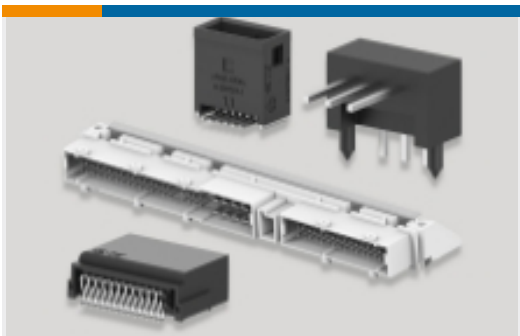
Connector Strain Relief (28)



Insertion & Extraction Tools (3)



Other Automotive Connector Accessories (28)

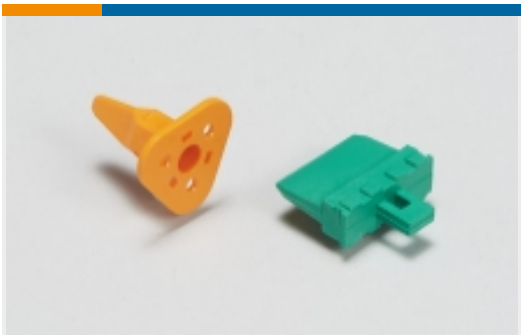


PCB Headers & Receptacles (106)

Also in the Series | **DEUTSCH DTM**



Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance (25)



Automotive Housings (104)



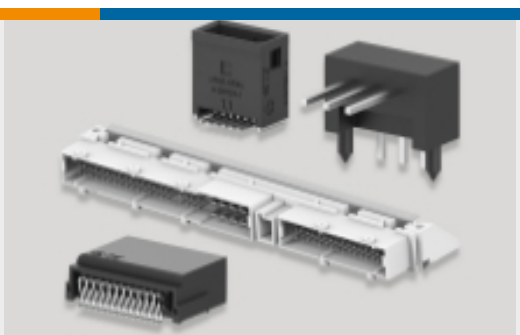
Connector Backshells (7)



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