



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



Connector System: **Wire-to-Wire**
Number of Positions: **12**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **3.81 mm [.15 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
Connector Modification	Shrink Boot Adapter
Number of Positions	12
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
Connector & Keying Code	A

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	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Plastic
Centerline (Pitch)	3.81 mm[.15 in]

Dimensions

Connector Height	39.9 mm[1.57 in]
Product Width	17.6 mm[.693 in]
Product Length	37.8 mm[1.49 in]
Row-to-Row Spacing	7.11 mm[.28 in]
Compatible 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
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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-H342 DEUTSCH DTM Headers	 TE Part # CAT-D485-CH8172 DEUTSCH DTM Housings	 TE Part # CAT-D485-W416 DEUTSCH DTM Wedgelocks
 TE Part # CAT-D48-ST273 DEUTSCH Solid Contacts	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE	 TE Part # 1062-20-0622 SOC, SF, SIZE 20, 14-16, NI/NI	 TE Part # 1062-20-0322 SOC, SF, SIZE 20, 16-22, SLEVLSS, NI/NI
 TE Part # 1062-20-0377 SOC, SF, SIZE 20, 16-22, SLEVLSS, SN/SN	 TE Part # 1062-20-0277 SOC, SF, SIZE 20, 16-22, SN/SN	 TE Part # DTM04-12PA-EE04 REC, 12P, BLK, N, HIGH TEMP, A	 TE Part # DTM1312PA12PBR008 HDR, 24P, BLK, RA EEC, NI/CU, AB
 TE Part # DTM13-12PA-R008 HDR, 12P, BLK, RA EEC, NI/CU, A	 TE Part # 1062-20-0244 SOC, SF, SIZE 20, 16-22, AU/SN	 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 # 1-2303064-1
12POS,STAMPED 20,PIN HSG ASSY,
SLD,COD 1

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

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)

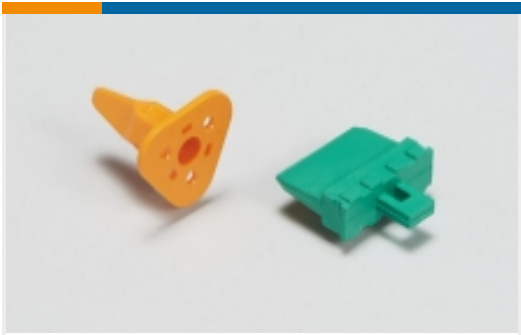
Other Automotive Connector
Accessories(28)

PCB Headers & Receptacles(106)

Also in the Series | DEUTSCH DTM



Automotive Connector Caps & Covers (7)



Automotive Connector Locks & Position Assurance(25)



Automotive Housings(104)



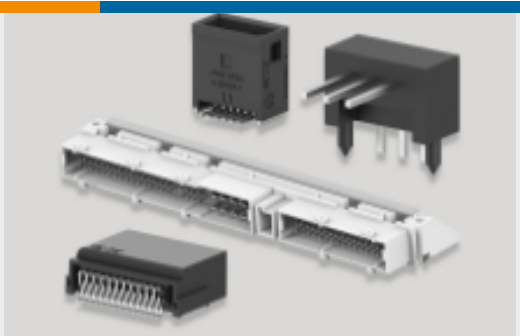
Connector Backshells(7)



Connector Strain Relief(28)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(38)

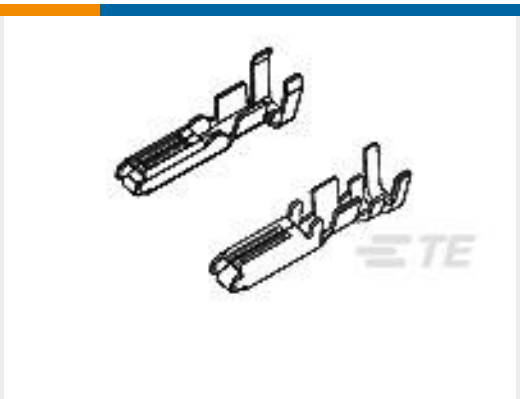
Customers Also Bought



TE Part #DTM06-12SC-E007
DEUTSCH DTM Housings



TE Part #2-2112162-1
21POS,TAB2.8X0.8,TABHSG,CODE B, ASSY,SLD



TE Part #173631-7
070 MLC REC CONT 20-16 GOLD



TE Part #1-1718485-5
CARRIER FOR RECEPT. INSERTS 36 POS



TE Part #2-1703773-1
6POS,TAB 1.6X0.6,PIN HSG,ASSY



TE Part #DTP2P-BT-BK
BOOT, 2P, REC, ST, BLK

Documents

Product Drawings
PLG, 12P, GRY, N, XCAP, A
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_DTM06-12SA-E007_99_c-dtm06-12sa-e007-99.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_DTM06-12SA-E007_99_c-dtm06-12sa-e007-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTM06-12SA-E007_99_c-dtm06-12sa-e007-99.3d_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

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English