

DTM06-12SB-E007

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTM

Hybrid, Housing for female terminals, Wire-to-Wire, 12 Position,
Sealable, Black, Code B

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Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > DEUTSCH DTM HOUSINGS



Connector Style: **Housing for female terminals**
Mating Pin Diameter: **1 mm [.039 in]**
Connector System: **Wire-to-Wire**
Number of Positions: **12**
Centerline (Pitch): **4 mm [.157 in]**

[All DEUTSCH DTM HOUSINGS \(87\)](#)

Features

Product Type Features

Connector Style	Housing for female terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Integrated in Housing
Strain Relief	Add By Accessory

Configuration Features

Number of Positions	12
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240 V
Operating Voltage	250 VDC

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Color	Black
Connector Code	B



Contact Features

Mating Pin Diameter	1 mm[.039 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Terminal Position Assurance	No
Mounting Feature	Without
Polarized	Yes

Housing Features

Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Height	15.24 mm[.6 in]
Length	30.1 mm[1.185 in]
Width	40.01 mm[1.575 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Industry Standards

Degree of Protection	IP68
UL Flammability Rating	20mm Flame Test per Standard UL-94

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 2019 (197) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.



Solder Process Capability

Not reviewed for solder process capability

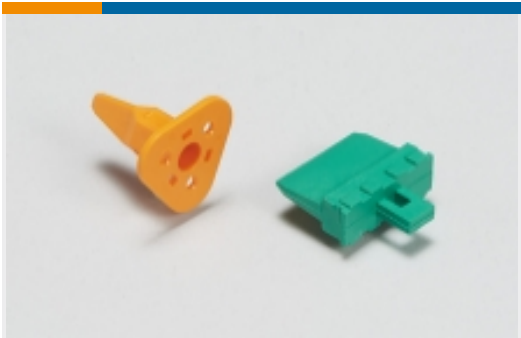
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers(57)



Automotive Connector Locks & Position Assurance (62)



Automotive Seals & Cavity Plugs(4)



Automotive, Truck, Bus, & Off-Road Headers(79)



Automotive, Truck, Bus, & Off-Road Housings(555)

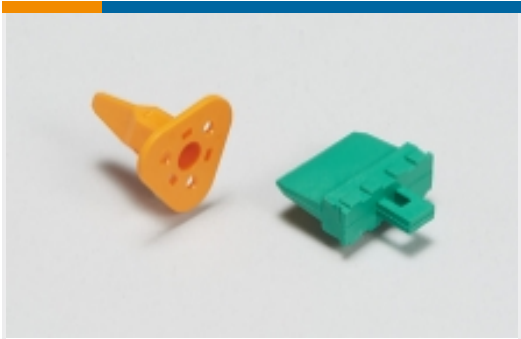


Other Automotive Connector Accessories(12)

Also in the Series | DEUTSCH DTM



Automotive Connector Caps & Covers(3)



Automotive Connector Locks & Position Assurance (15)



Automotive, Truck, Bus, & Off-Road Headers(17)



Automotive, Truck, Bus, & Off-Road Housings(87)



Customers Also Bought

TE Part #6-1414989-1
V23134Z1020-EV-CBOX

TE Part #965972-1
PL 250 REC TERMINAL-FLAG 17-13 PTPB

TE Part #1718553-1
LVDS, SHELL HALF 2, 155DEG.

TE Part #1718554-1
LVDS, SHELL HALF 1, 155DEG.

TE Part #1623734-5
SBCV6 120R 5%

Documents

Product Drawings

DTM PLUG ASM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTM06-12SB-E007_99_c-dtm06-12sb-e007-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTM06-12SB-E007_99_c-dtm06-12sb-e007-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTM06-12SB-E007_99_c-dtm06-12sb-e007-99.3d_stp.zip

English

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English



Product Environmental Compliance

Product Compliance

English

Product Compliance

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