

DT06-12SA-CE06 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT06-12SA-CE06

DEUTSCH DT, Housing for female terminals, Wire-to-Wire, 12 Position, 4.5mm [.175in] Centerline, Sealable, Gray, Power & Signal, Code A

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



Connector Style: **Housing for female terminals**

Mating Pin Diameter: **1.5 mm [.059 in]**

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

Number of Positions: **12**

Centerline (Pitch): **4.5 mm [.175 in]**

[All DEUTSCH DT HOUSINGS \(422\)](#)

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

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Color	Gray
Connector Code	A

Contact Features

Mating Pin Diameter	1.5 mm[.059 in]
Contact Current Rating (Max)	13 A



Mechanical Attachment

Terminal Position Assurance	No
Mounting Feature	Without
Polarized	No

Housing Features

Centerline (Pitch)	4.5 mm[.175 in]
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Dimensions

Height	30.94 mm[1.218 in]
Length	40.56 mm[1.597 in]
Width	18.19 mm[.716 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Method	Package
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Other

Serviceable	Yes
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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 2019 (201) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	



	Current ECHA Candidate List: JUL 2019 (201) 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.

Compatible Parts



TE Model / Part # CAT-D487-B128
DEUTSCH DT BACKSHELLS




TE Model / Part # CAT-D487-CH8172
DEUTSCH DT HOUSINGS



TE Model / Part # CAT-D487-P729
DEUTSCH DT DUST CAPS



TE Model / Part # CAT-D487-W416
DEUTSCH DT WEDGELOCKS



TE Model / Part # CAT-D48-ST273
DEUTSCH SOLID CONTACTS



TE Model / Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS

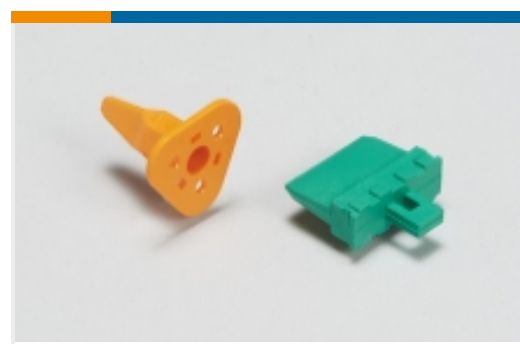


TE Model / Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS

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)

Documents

Product Drawings

DT PLUG ASM

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_DT06-12SA-CE06_99_c-dt06-12sa-ce06-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-12SA-CE06_99_c-dt06-12sa-ce06-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT06-12SA-CE06_99_c-dt06-12sa-ce06-99.3d_stp.zip](#)

English

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

DEUTSCH DT Enhanced Seal Retention Connectors

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report



English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English