



DEUTSCH | DEUTSCH DT

TE Internal #: DT06-3S-EP05

Housing for Female Terminals, Wire-to-Wire, 3 Position, .394 in [10.01 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, DEUTSCH DT

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DT Plug Connectors



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

Mating Pin Diameter: **1.59 mm [.063 in]**

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

Number of Positions: **3**

Centerline (Pitch): **10.01 mm [.394 in]**

[All DEUTSCH DT Plug Connectors \(199\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	End Cap
Number of Positions	3

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray

Contact Features

Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	10.01 mm[.394 in]

Dimensions

Connector Height	24.38 mm[.96 in]
Product Width	18.71 mm[.737 in]
Product Length	29.67 mm[1.168 in]
Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP68, IP6K9K
Agency/Standard	SAE J2030
UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	1100
Packaging Method	Box



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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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>

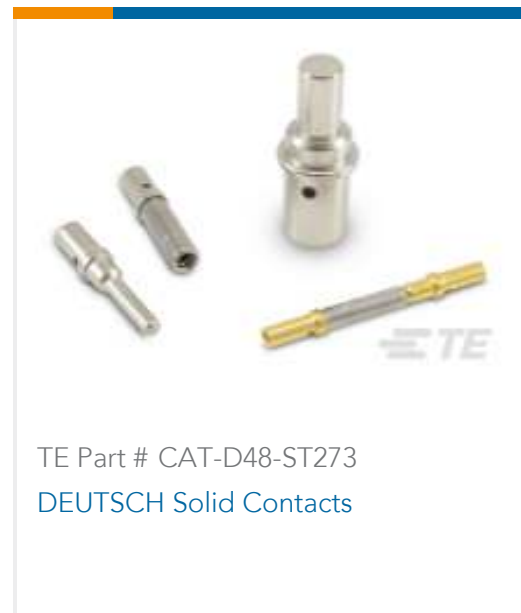
Compatible Parts



TE Part # CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # 1011-345-0305
DUST CAP, 3P, PLG, BLK, DT



TE Part # CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part # 776363-1
SEALING PLUG, SZ 16 CAVITY



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # CAT-D487-H342
DEUTSCH DT Headers



TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



TE Part # 1-2303813-5
DT04-3P-TB31, REC, 3POS, GRY, BLKED, CAP

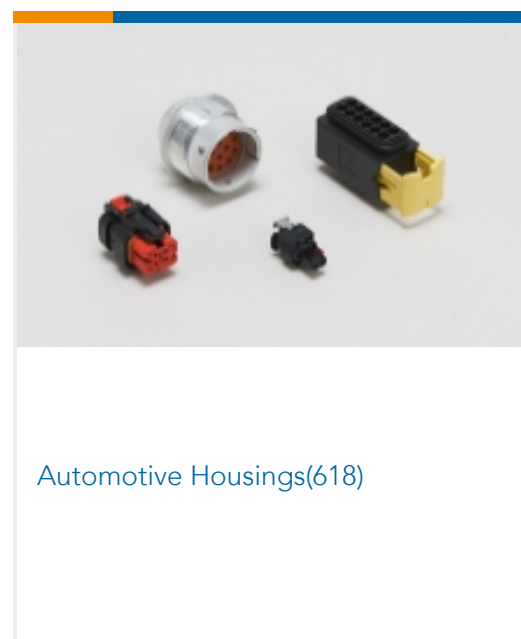
Also in the Series | **DEUTSCH DT**



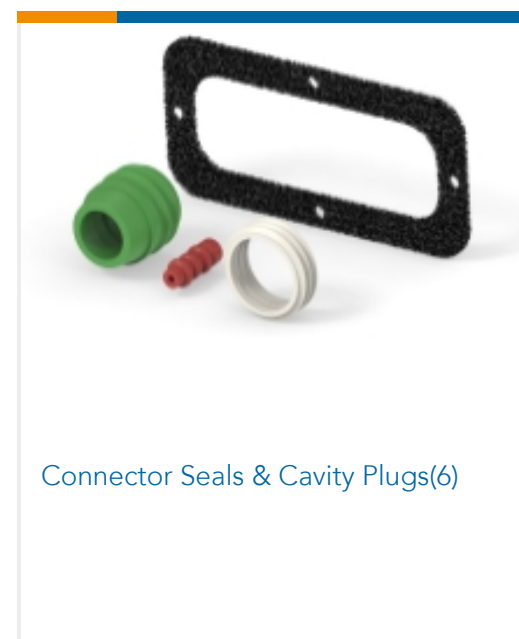
Automotive Connector Caps & Covers
(107)



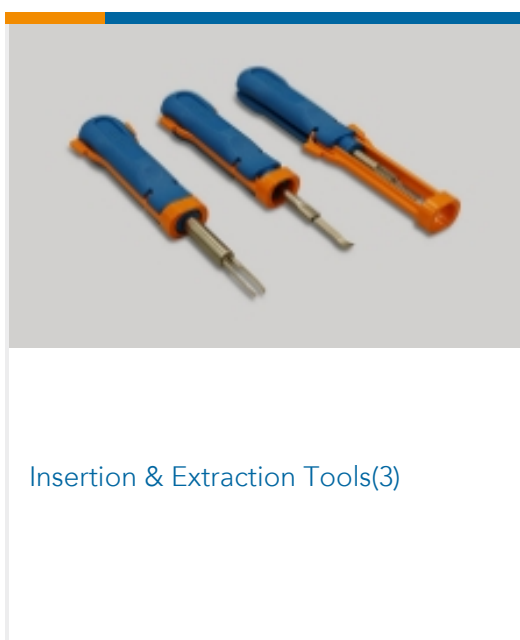
Automotive Connector Locks & Position Assurance(74)



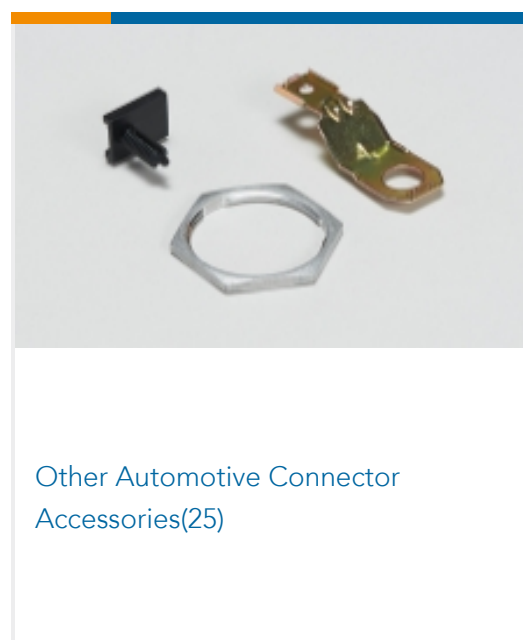
Automotive Housings(618)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(25)



PCB Headers & Receptacles(103)

Customers Also Bought



TE Part #HD36-24-35PN
DEUTSCH HD30 Housings



TE Part #W3S
WEDGE LOCK, 3P, PLG, ORG, STD,
DT



TE Part #DT04-3P-E003
REC, 3P, GRY, N, CAP



TE Part #60249-2
FF 250 REC 16-12AWG TPBR



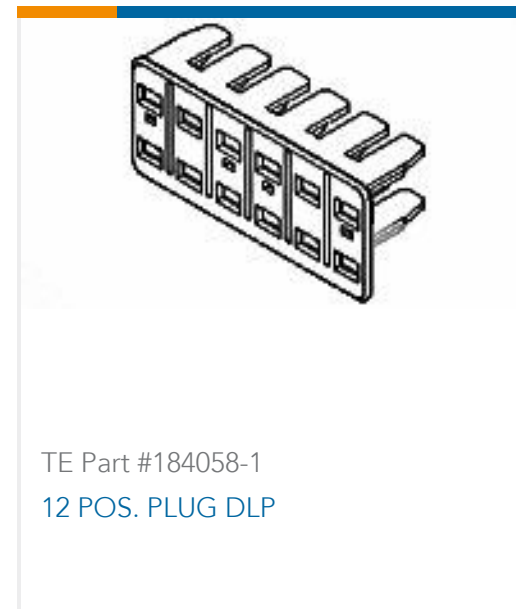
TE Part #HDC9-JDL082397
DUST CAP, 9P, REC, BLK, LANYARD,
HD10



TE Part #DTM06-2S-E004
PLG, 2P, BLK, N



TE Part #1924968-2
Contact, male 0.64, 18 AWG



TE Part #184058-1
12 POS. PLUG DLP



TE Part #HDC26-18-JDL
COVER HDP 18 SHL RC RUBBER LYD

Documents

Product Drawings

PLG, 3P, GRY, N, LATCH PROTECT CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DT06-3S-EP05_99_c-dt06-3s-ep05-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DT06-3S-EP05_99_c-dt06-3s-ep05-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DT06-3S-EP05_99_c-dt06-3s-ep05-99.3d_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