2-2303813-3 ✔ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: 2-2303813-3

12 V / 24 V / 48 V, 3 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 8.66 mm [.34 in] Centerline, Sealable, Black, DEUTSCH DT

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Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH DT Connectors with snap cap







Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **3**

Sealable: **Yes**

Operating Temperature Range: **-55 – 125 °C [-67 – 257 °F]**

All DEUTSCH DT Connectors with snap cap (36)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Number of Positions	3
Number of Rows	2

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.55 mm[.061 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	8.66 mm[.34 in]

Dimensions

Compatible Insulation Diameter Range	2.23 – 3.68 mm[.088 – .145 in]
Product Width	21.13 mm[.832 in]
Product Length	56.67 mm[2.231 in]
Connector Height	24.71 mm[.973 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030

UL Flammability Rating	12mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	600
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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-ST273
DEUTSCH Solid Contacts



TE Part # 1-2303816-2
DT06-3S-TN31, PLG, 3P, GRY, N, SNAPCAP



TE Part # CAT-J41-DDPC
DEUTSCH DT Plug Connectors



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



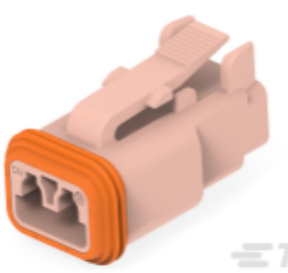
TE Part # CAT-D487-M8649
DEUTSCH DT Mounting Clips



TE Part # 1-2303816-3
DT06-3S-TN32, PLG, 3P, BLK, N, SNAPCAP



TE Part # 2-2303816-3
DT06-3S-TN82, PLG, 3P, BLK, N, SNAPXCAP



TE Part # CAT-J41-DDCC
DEUTSCH DT Color Connectors



TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16



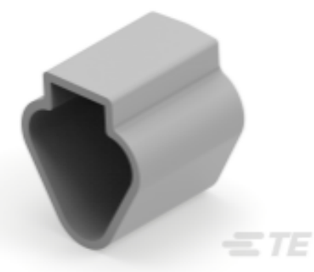
TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts



TE Part # 2-2303816-2
DT06-3S-TN81, PLG, 3P, GRY, N, SNAPXCAP



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # DT3P-DC
PROTECT CVR, 3P, REC, GRY, DT



TE Part # CAT-J41-DDIC
DEUTSCH DT Integrated Component



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE

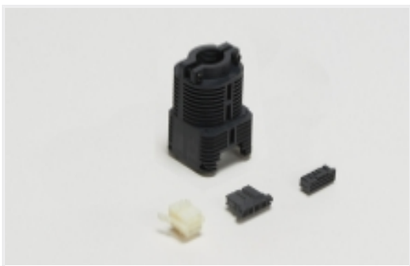
Also in the Series | DEUTSCH DT



Automotive Connector Caps & Covers (19)



Circular Connector Backshells & Clamps(2)



Rectangular Connector Housings(1)



Wire-to-Board Connector Assemblies & Housings(1)

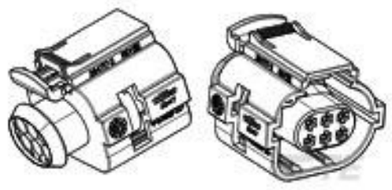
Customers Also Bought



TE Part #802440-SF
FN2090-6-06



TE Part #66740-2
TYPE XII FEMALE CONT (L.P.)



TE Part #284716-3
6 POS REC. CONNECTOR FOR MTII



TE Part #2-962915-1
TAB 2.8x0.8 CONTACT CF SWS Sn



TE Part #2-1418390-1
4 POS AMP MCP 2.8 REC HSG



TE Part #1-1703839-1
2POS,TAB 2.8X0.8,TAB HSG,ASSY

TE Part #CJ6405-000
222K142-25/225-CS-2065-0

TE Part #CJ6404-000
222K132-25/225-CS-2065-0

TE Part #CJ6397-000
202K121-25/225-CS-2065-0

TE Part #CJ6407-000
222K163-25/225-CS-2065-0

Documents

Product Drawings

DT04-3P-TN82, REC, 3P, BLK, N, SNAPXCAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2303813-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2303813-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2303813-3_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English