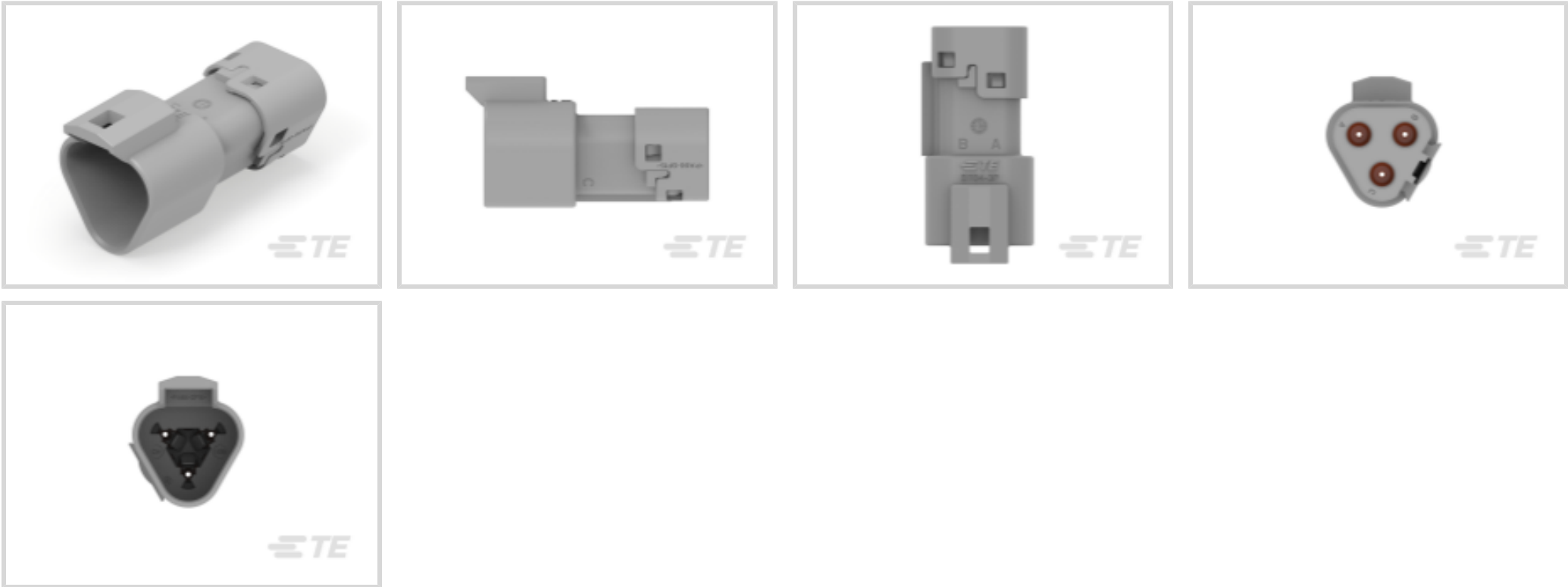




Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH DT Connectors with snap cap



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

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Operating Voltage	250 VDC
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	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	45.93 mm[1.808 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
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Industry Standards

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



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

Packaging Quantity	800
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>

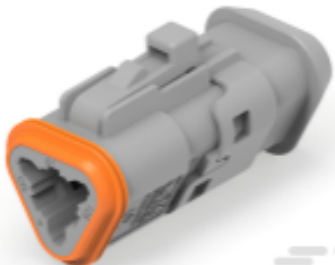
Compatible Parts



TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16



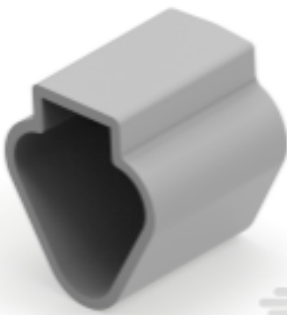
TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed Contacts



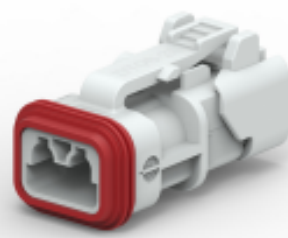
TE Part # 2-2303816-2
DT06-3S-TN81, PLG, 3P, GRY, N, SNAPXCAP



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



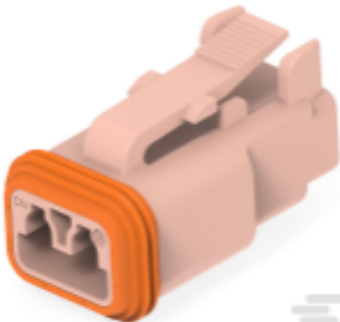
TE Part # DT3P-DC
PROTECT CVR, 3P, REC, GRY, DT



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



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



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



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



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



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

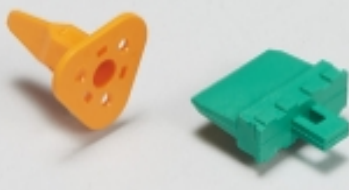


TE Part # 1-2303816-3
DT06-3S-TN32, PLG, 3P, BLK, N, SNAPXCAP



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

Also in the Series | **DEUTSCH DT**



Automotive Connector Locks & Position Assurance(91)



Automotive Housings(767)



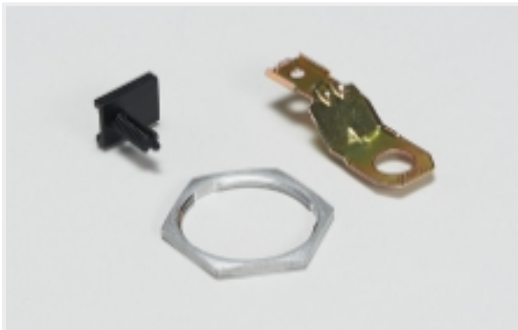
Connector Caps & Covers(1)



Connector Strain Relief(35)



Infotainment & Multimedia Cable Assemblies(1)



Other Automotive Connector Accessories(27)



Rectangular Backshells & Clamps(3)

Customers Also Bought



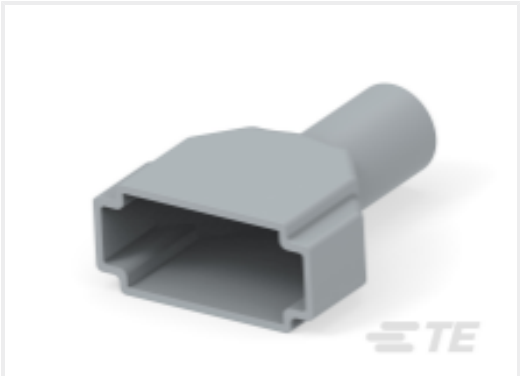
TE Part #0462-209-16141
SOC, SOLID, SIZE 16, 14AWG, NI



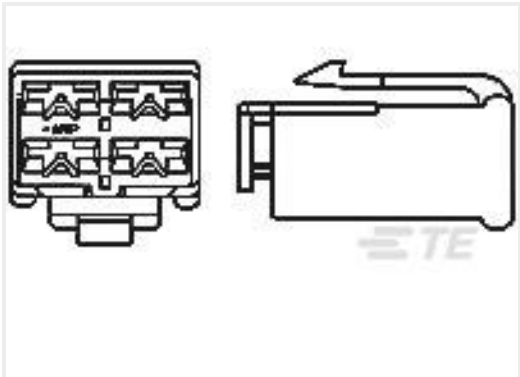
TE Part #HD10-9-96P
REC, 9P, GRY, N, FLANGE, 16



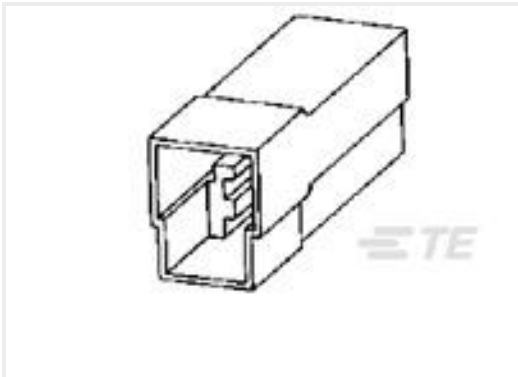
TE Part #HDB36-24-91SE-059
BR AWY PL ASM,MC



TE Part #CAT-J41-DDCSR
DEUTSCH DT Connector Strain Relief



TE Part #178004-1
FF 250 PLUG HSG 4P NYLON NAT



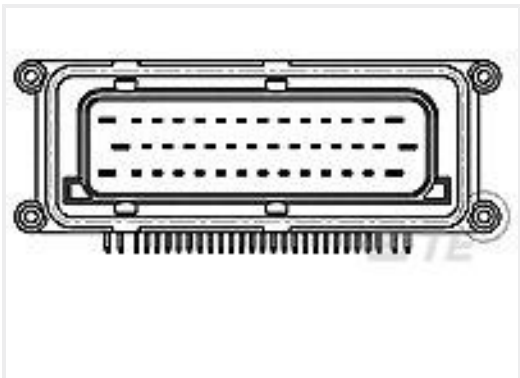
TE Part #180940
FF 250 TAB HSG 3P NYLON NAT



TE Part #828922-2
CAVITY PLUG 2,5MM S



TE Part #1544969-1
TAB, 8MM NG1 PLUS



TE Part #1-963484-1
MESSERLEISTE MIX70P

Documents

Product Drawings

DT04-3P-TN31, REC, 3P, GRY, N, SNAPCAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2303813-2_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-2303813-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2303813-2_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English