

DT04-2P-RT25 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

TE Internal #: DT04-2P-RT25

2 Position Housing, Housing for Male Terminals, Wire-to-Wire, 5.46 mm [.215 in] Centerline, Sealable, Black, Wire & Cable, Power, DEUTSCH DT

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTM Housings



Number of Positions: 2

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

Mating Pin Diameter: 1.59 mm [.063 in]

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

Centerline (Pitch): 5.46 mm [.215 in]

[All DEUTSCH DTM Housings \(113\)](#)

Features

Industry Standards

IP Rating	IP6K9K, IP68
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	Not tested

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Polarized
Mating Alignment	With

Dimensions

Product Width	25.4 mm[1 in]
Product Length	39.5 mm[1.555 in]
Connector Height	22.71 mm[.873 in]

Packaging Features

Packaging Quantity	650
Packaging Method	Box

Other



Serviceable	No
Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	250 V

Housing Features

Housing Material	PA GF
Centerline (Pitch)	5.46 mm [.215 in]

Contact Features

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

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	Molded-In Resistor
Number of Positions	2
Number of Rows	1

Body Features

Primary Product Color	Black
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Usage Conditions

Operating Temperature (Max)	125 °C [257 °F]
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Operating Temperature Range

-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application

Power

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)
 Candidate List Declared Against: JAN 2023 (233)
 SVHC > Threshold:
 Pb (1.2% in Component Part)

Article Safe Usage Statements:
 Do not eat, drink or smoke when using this product. 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

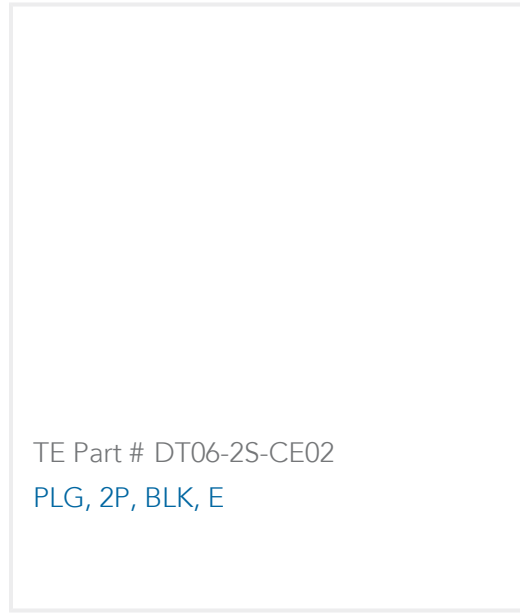




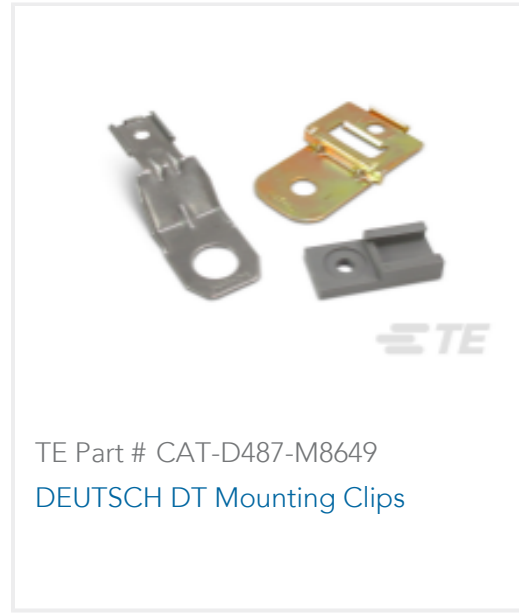
TE Part # 2-2303815-4
DT06-2S-TE82, PLG, 2P, BLK, E,
SNAPXCAP



TE Part # 1-2303815-1
DT06-2S-TE31, PLG, 2P, GRY, E,
SNAPCAP



TE Part # DT06-2S-CE02
PLG, 2P, BLK, E

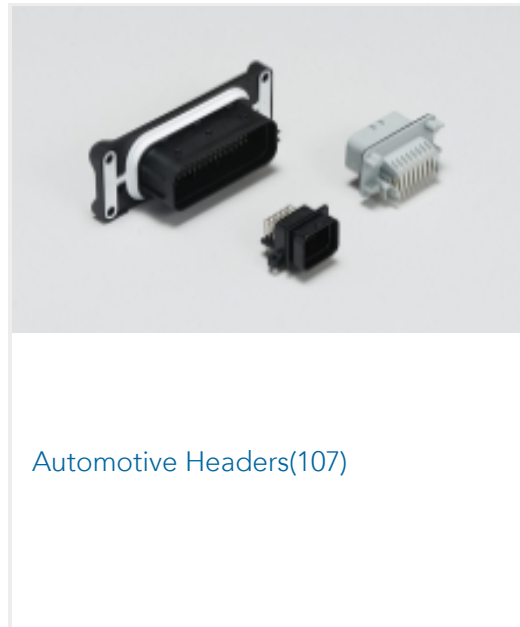


TE Part # CAT-D487-M8649
DEUTSCH DT Mounting Clips

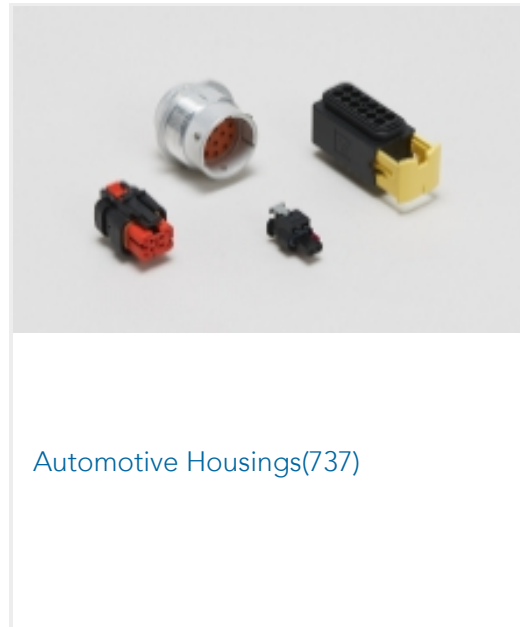
Also in the Series | **DEUTSCH DT**



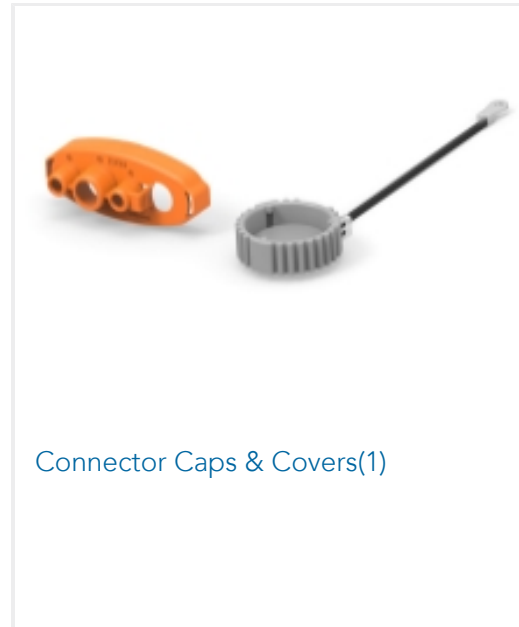
Automotive Connector Locks &
Position Assurance(90)



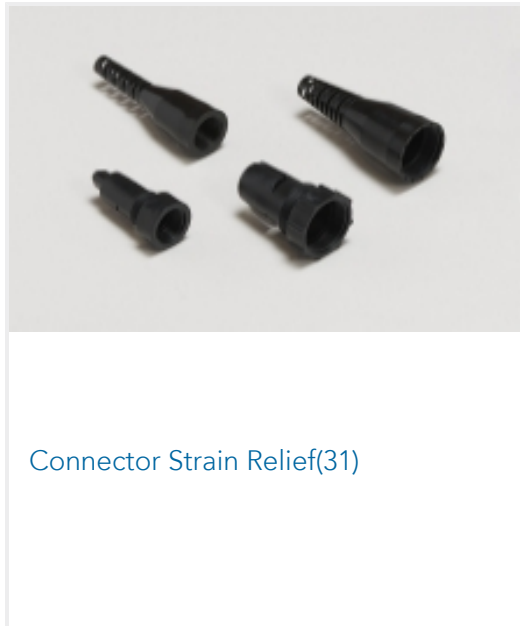
Automotive Headers(107)



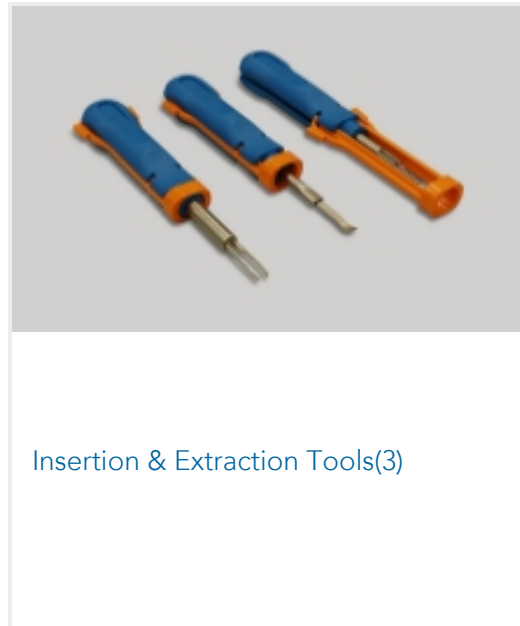
Automotive Housings(737)



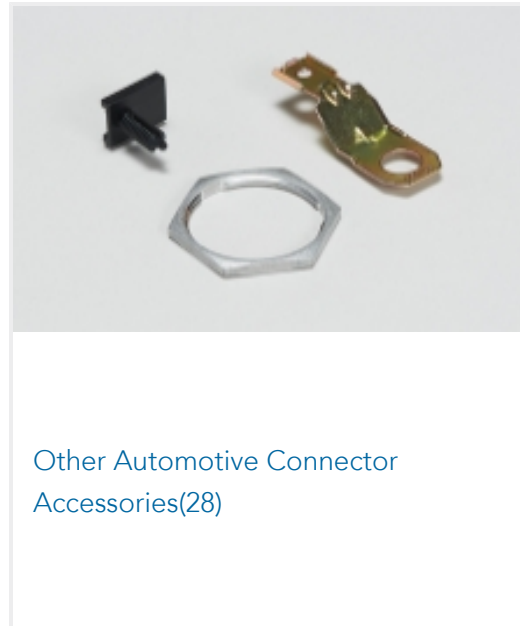
Connector Caps & Covers(1)



Connector Strain Relief(31)



Insertion & Extraction Tools(3)



Other Automotive Connector
Accessories(28)



Rectangular Backshells & Clamps(3)



Wire-to-Board Headers & Receptacles
(106)

Customers Also Bought



TE Part #DT06-2S-C017
PLG, 2P, GRY, BLOCKED



TE Part #1-66360-1
III+ SKT,18-14,30AU/FL,SMPACK



TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



TE Part #3-794630-6
06P MICRO MNL ASSY VRT HDR LF



Documents

Product Drawings

[REC, 2P, BLK, 27K OHM RESISTOR, NI](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_DT04-2P-RT25_99.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DT04-2P-RT25_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DT04-2P-RT25_99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English