

DTP04-2P-E003 ✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTP

TE Internal #: DTP04-2P-E003

Housing for Male Terminals, Wire-to-Wire, 2 Position, .264 in [6.71 mm] Centerline, Sealable, Gray, Wire & Cable, Power & Signal, Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTP Housings



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

Mating Pin Diameter: **2.39 mm [.094 in]**

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

Number of Positions: **2**

Centerline (Pitch): **6.71 mm [.264 in]**

[All DEUTSCH DTP Housings \(34\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male 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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	200 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features



Cable Exit Angle	180°
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Primary Product Color	Gray
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Contact Features

Contact Size	Size 12
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Contact Type	Pin
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Mating Pin Diameter	2.39 mm [.094 in]
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Contact Current Rating (Max)	25 A
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Mechanical Attachment

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

Housing Material	PA GF
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Centerline (Pitch)	6.71 mm [.264 in]
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Dimensions

Connector Height	21.54 mm [.848 in]
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Product Width	22.15 mm [.872 in]
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Product Length	49.05 mm [1.931 in]
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Compatible Insulation Diameter Range	3.4 – 4.32 mm [.134 – .17 in]
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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]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP68
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Agency/Standard	SAE J2030
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UL Flammability Rating	20mm Flame Test per Standard UL-94
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Packaging Features



Packaging Quantity	550
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Packaging Method	Box
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Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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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>

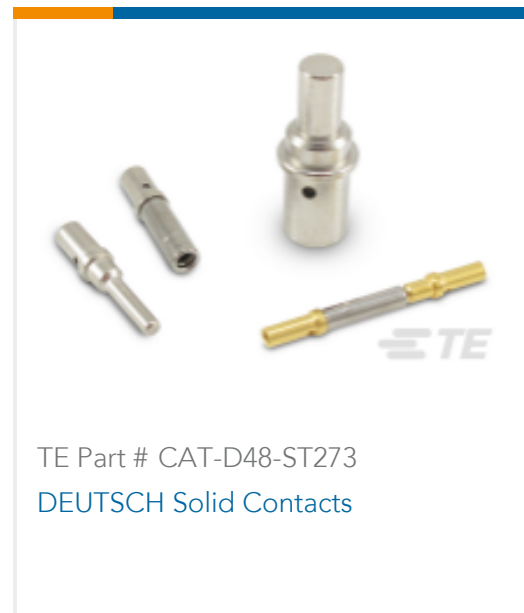
Compatible Parts



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D486-CH8172
DEUTSCH DTP Housings



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # WP-2P
WEDGE LOCK, 2P, REC, ORG, DTP



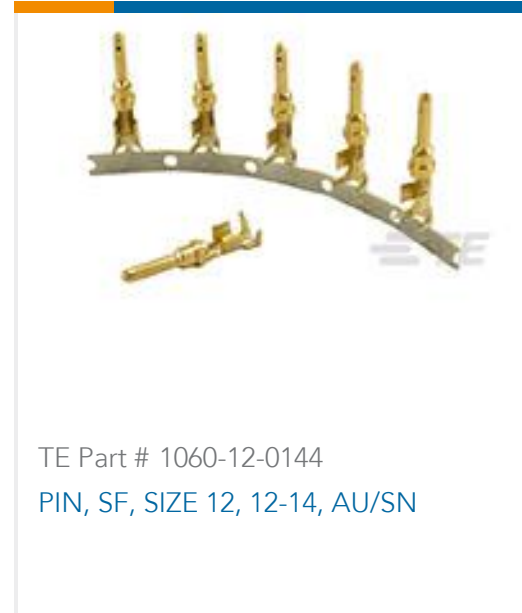
TE Part # CAT-D487-M8649
DEUTSCH DT Mounting Clips



TE Part # 1924487-2
MOUNTING CLIP, AMPSEAL 16



TE Part # DT-RT1
EXT TOOL, FRONT RELEASE



TE Part # 1060-12-0144
PIN, SF, SIZE 12, 12-14, AU/SN



TE Part # 1060-12-0222
PIN, SF, SIZE 12, 10, NI/NI



TE Part # 1060-12-0166
PIN, SF, SIZE 12, 12-14, NI/SN



TE Part # 1060-12-0244
PIN, SF, SIZE 12, 10, AU/SN

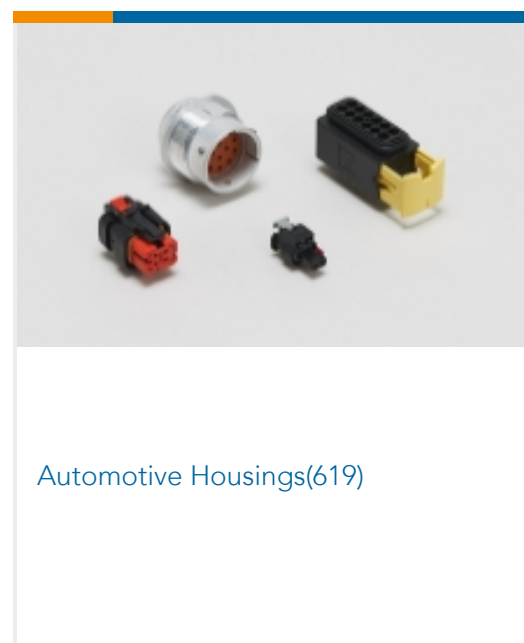
Also in the Series | **DEUTSCH DT**



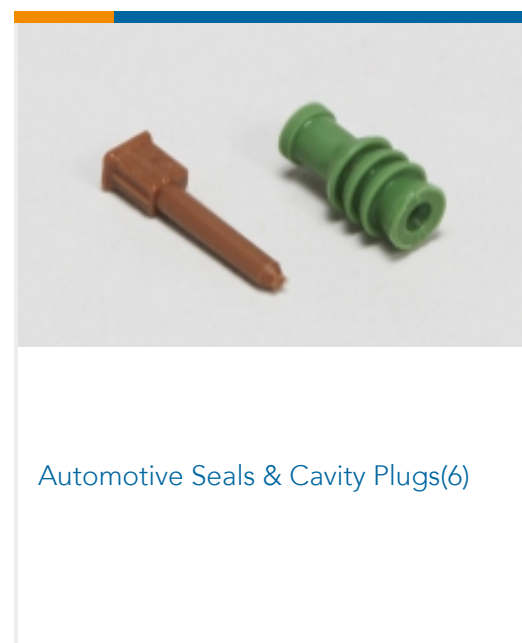
Automotive Connector Caps & Covers
(107)



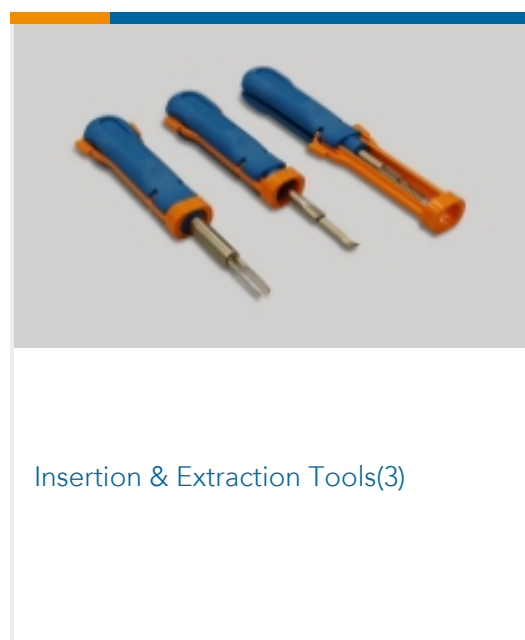
Automotive Connector Locks &
Position Assurance(74)



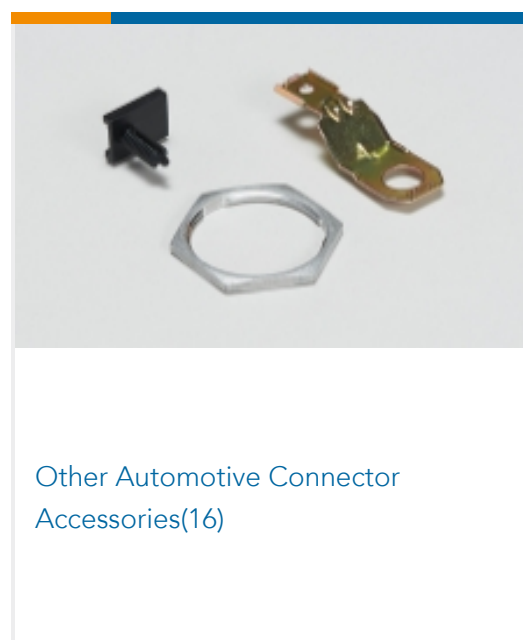
Automotive Housings(619)



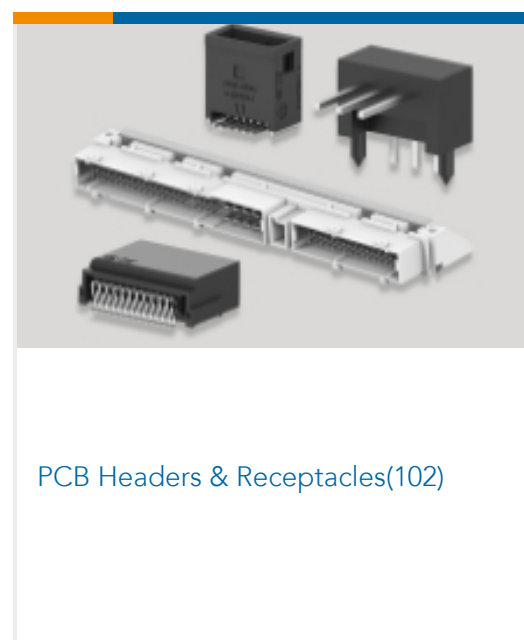
Automotive Seals & Cavity Plugs(6)



Insertion & Extraction Tools(3)



Other Automotive Connector
Accessories(16)

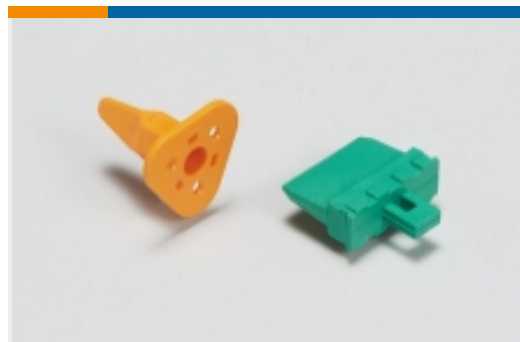


PCB Headers & Receptacles(102)

Also in the Series | **DEUTSCH DTP**



Automotive Connector Caps & Covers (1)



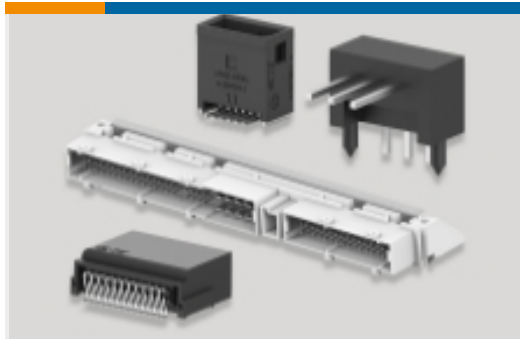
Automotive Connector Locks & Position Assurance(4)



Automotive Housings(34)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(4)

Customers Also Bought



TE Part #HC5739
95MM2 NEGBAT LEAD 1/4" UNC THREAD



TE Part #HC5936
BATTERY LEAD CONN. 70mm +VE



TE Part #B90-DTP04-952B
BKSHL, 4P, BLK, PLG, RA-D, SIDE B, NW 16



TE Part #HC5728
LEAD CONNECTOR 16MM



TE Part #HC5840D
INTEGRAL BATT. POST. DOUBLE TAPER.



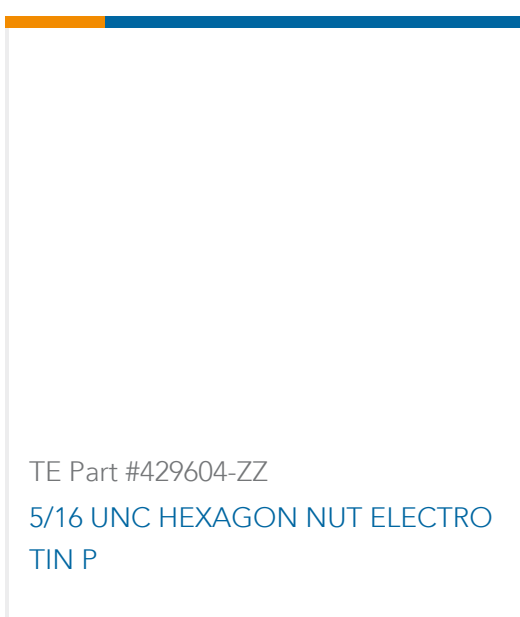
TE Part #HC5841
70MM2 BATTERY CLMP ASSMB NEGATIVE



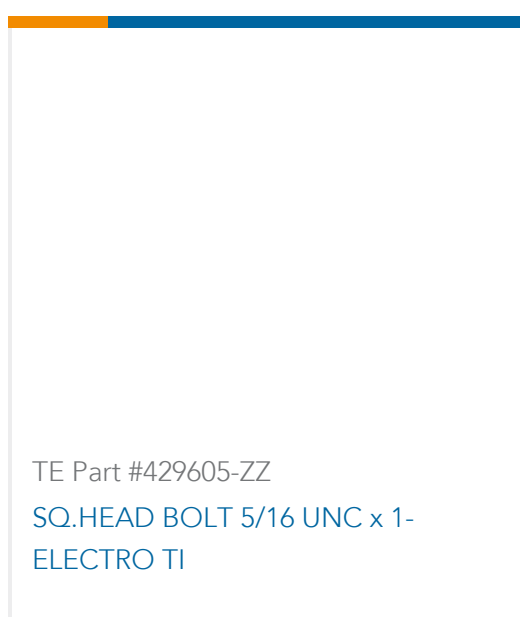
TE Part #HC5901
BATT.POST CLAMP -VE MK.3



TE Part #DT04-12PA-930C
REC, 12P, BLK, N, SEALED FLANGE, A



TE Part #429604-ZZ
5/16 UNC HEXAGON NUT ELECTRO TIN P



TE Part #429605-ZZ
SQ.HEAD BOLT 5/16 UNC x 1-ELECTRO TI

Documents



Product Drawings

[REC, 2P, GRY, N, CAP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DTP04-2P-E003_99_c-dtp04-2p-e003-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTP04-2P-E003_99_c-dtp04-2p-e003-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTP04-2P-E003_99_c-dtp04-2p-e003-99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Engineering Report](#)

English

Agency Approvals

[UL Report](#)

English