

DTP06-2S-E003

✓ ACTIVE

DEUTSCH | DEUTSCH DT, DEUTSCH DTP

TE Internal #: DTP06-2S-E003

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

[View on TE.com >](#)[Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DTP Housings](#)Connector System: **Wire-to-Wire**Number of Positions: **2**Connector & Housing Type: **Housing for Female Terminals**Centerline (Pitch): **6.71 mm [.264 in]**Sealable: **Yes**[All DEUTSCH DTP Housings \(34\)](#)

Features

Product Type Features

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

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	Socket
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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	Polarization Slot
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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	18.06 mm[.711 in]
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Product Width	22.02 mm[.867 in]
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Product Length	36.42 mm[1.434 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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Compatible With Agency/Standards Products	SAE J2030
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UL Flammability Rating	20mm Flame Test per Standard UL-94
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Packaging Features

Packaging Quantity	1000
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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: JUNE 2023 (235)
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Candidate List Declared Against: JUNE 2023 (235)
Does not contain REACH SVHC

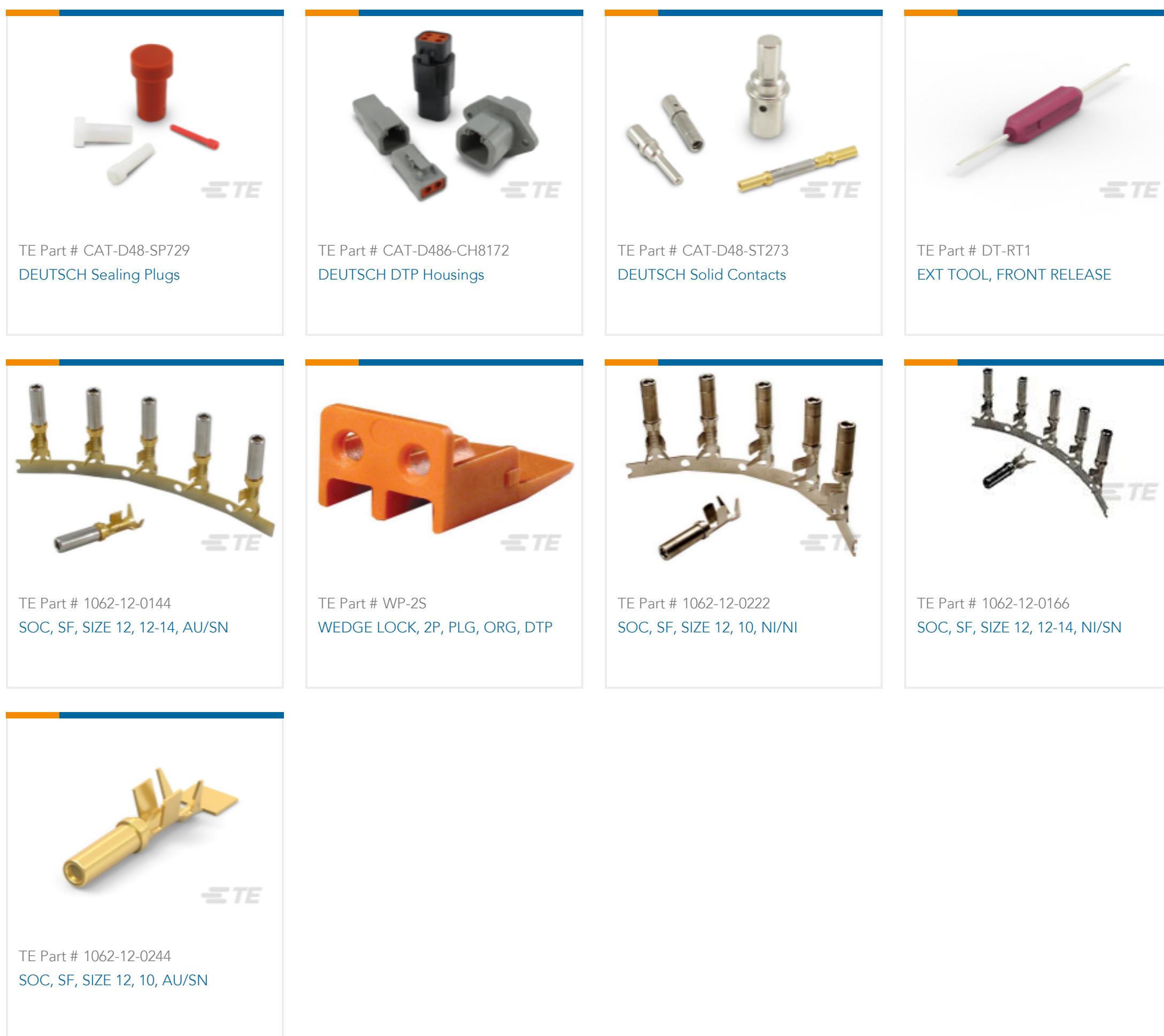
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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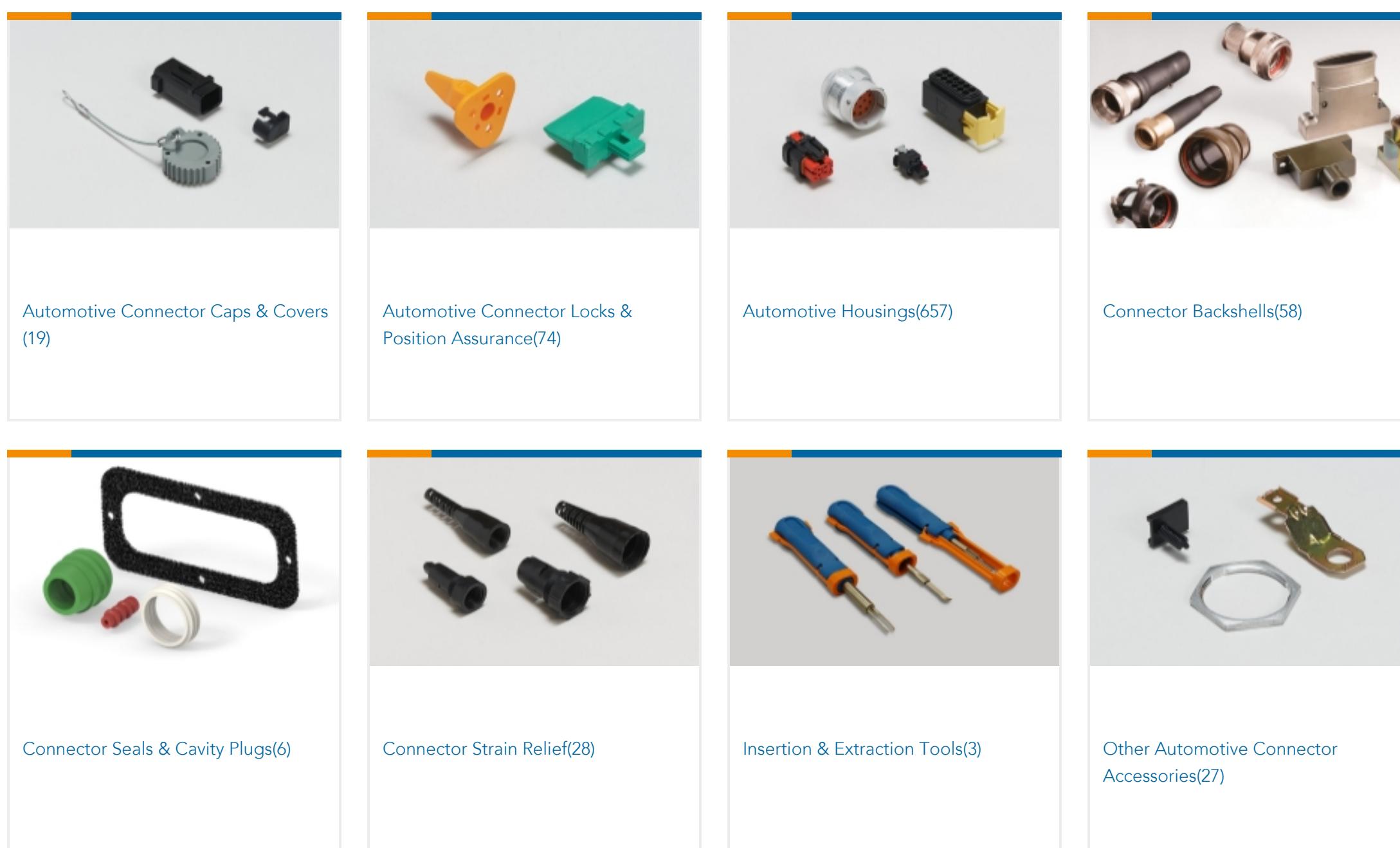
Product Compliance Disclaimer

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



Also in the Series | DEUTSCH DT



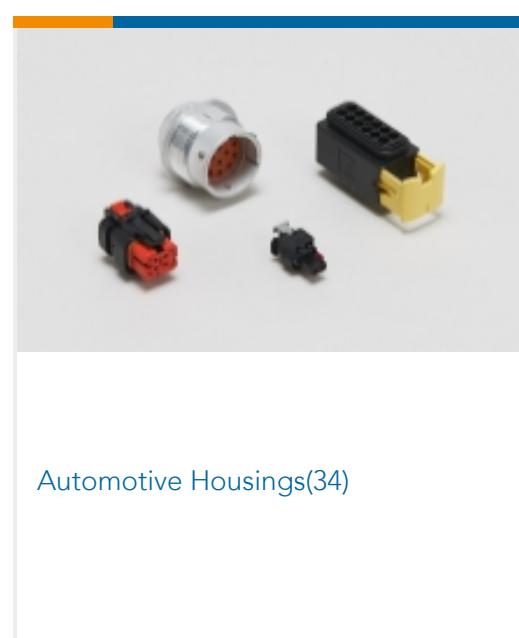


PCB Headers & Receptacles(103)

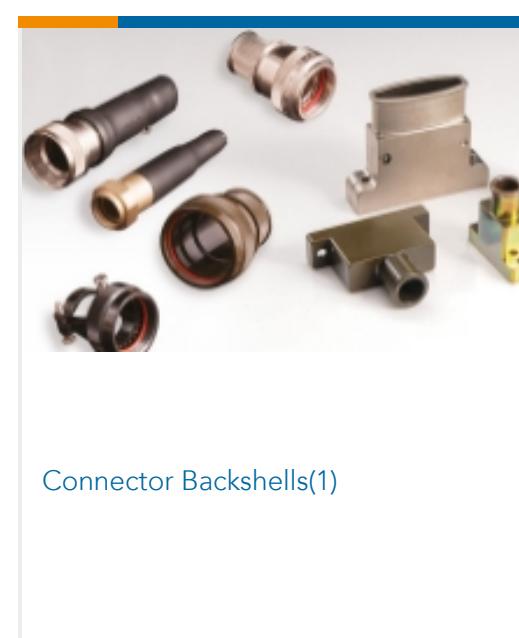
Also in the Series | DEUTSCH DTP



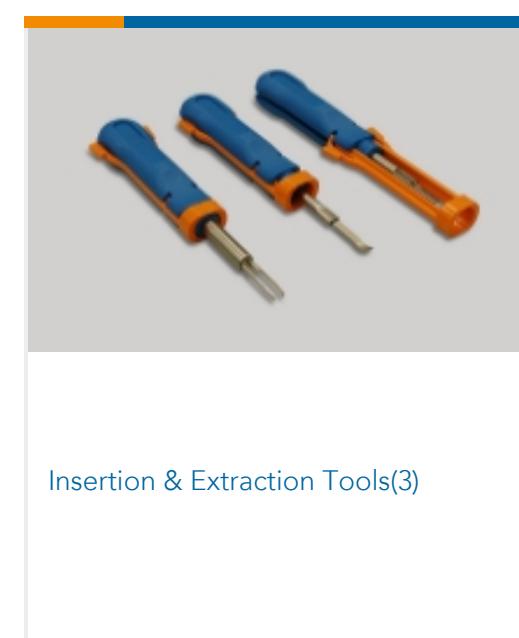
Automotive Connector Locks & Position Assurance(4)



Automotive Housings(34)



Connector Backshells(1)



Insertion & Extraction Tools(3)



PCB Headers & Receptacles(4)

Customers Also Bought

TE Part #DT06-6S-EP06
DEUTSCH DT Plug ConnectorsTE Part #DT04-12PA-CL15
REC, 12P, BLK, E, FLANGE, ATE Part #WP-2P
DEUTSCH DTP WedgelocksTE Part #HD34-18-14PE-072
REC, 14P, AL, E, THD ADPT, DRAIN,
16, PTE Part #DRCP28-86SA
PLG, 86P, BLK, 12/20, ATE Part #4828-007-8605
BKSHL, 86P, BLK, VERTICAL, DRCPTE Part #2500012-1
SRC2 Female 60+6AG Mixed Power,
Green

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DTP06-2S-E003_99_c-dtp06-2s-e003-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTP06-2S-E003_99_c-dtp06-2s-e003-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DTP06-2S-E003_99_c-dtp06-2s-e003-99.3d_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

[Engineering Report](#)

English

Agency Approvals

[UL Report](#)

English