

2303064-1 ✓ ACTIVE

DEUTSCH | DEUTSCH DT

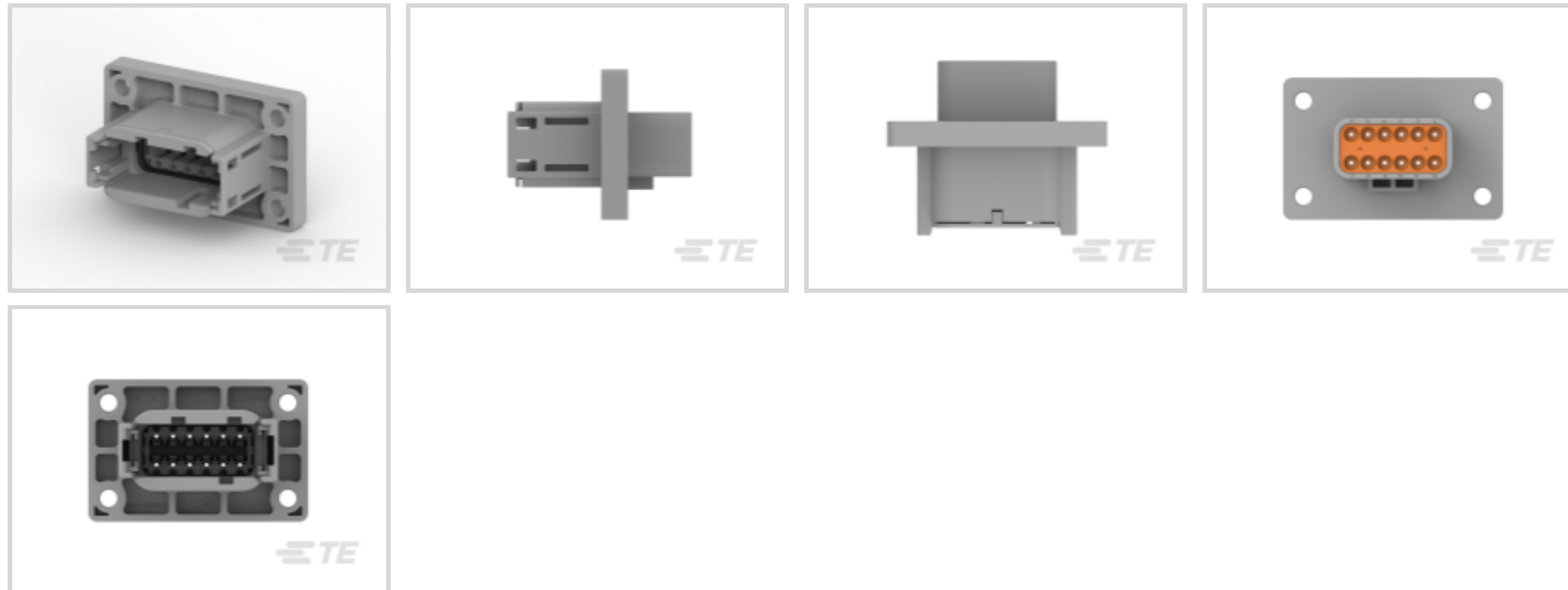
TE Internal #: 2303064-1

Housing for Female Terminals, Wire-to-Wire, 12 Position, .164 in [4.19 mm] Centerline, Sealable, Gray, Signal, Panel Mount, DEUTSCH DT

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > DEUTSCH DT Series Housings & Connectors



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

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

Number of Positions: **12**

Centerline (Pitch): **4.19 mm [ .164 in ]**

Sealable: **Yes**

[All DEUTSCH DT Series Housings & Connectors \(461\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	12
Number of Rows	2

### Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	250 V



### Body Features

Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Gray
Connector Code	A

### Contact Features

Contact Size	Size 20
--------------	---------

### Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

### Housing Features

Centerline (Pitch)	4.19 mm [.164 in]
--------------------	-------------------

### Dimensions

Product Width	43.69 mm [1.72 in]
Product Length	55.12 mm [2.17 in]
Product Height	35.56 mm [1.4 in]

### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Packaging Features

Packaging Quantity	180
Packaging Method	Box

### Other

Serviceable	No
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

 <p>TE Part # WM-12P WEDGE LOCK, 12P, REC, ORG, DTM</p>	 <p>TE Part # DT-RT1 EXT TOOL, FRONT RELEASE</p>	 <p>TE Part # CAT-D485-CH8172 DEUTSCH DTM HOUSINGS</p>	 <p>TE Part # CAT-D48-SP729 DEUTSCH SEALING PLUGS</p>
--	---	---	--



TE Part # 1028-034-1205  
BKSHL, 12P, BLK, REC, ST, NW 13/17



TE Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



TE Part # CAT-D48-SFT273  
DEUTSCH STAMPED & FORMED CONTACTS



TE Part # DTM12P-DC  
PROTECT CVR, 12P, REC, GRY, DTM CONTACTS



TE Part # DTM12P-BT  
BOOT, 12P, REC, ST, GRY

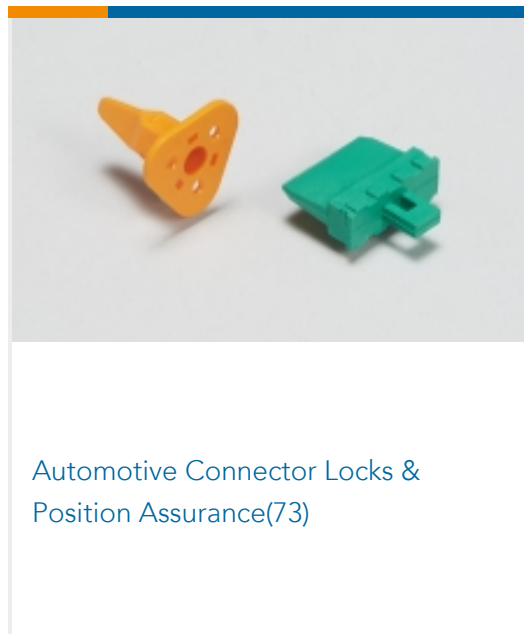


TE Part # DTM12P-BT-BK  
BOOT, 12P, REC, ST, BLK

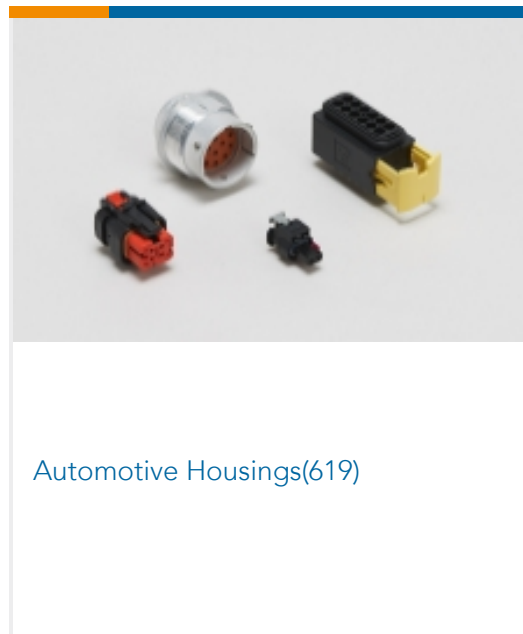
Also in the Series | DEUTSCH DT



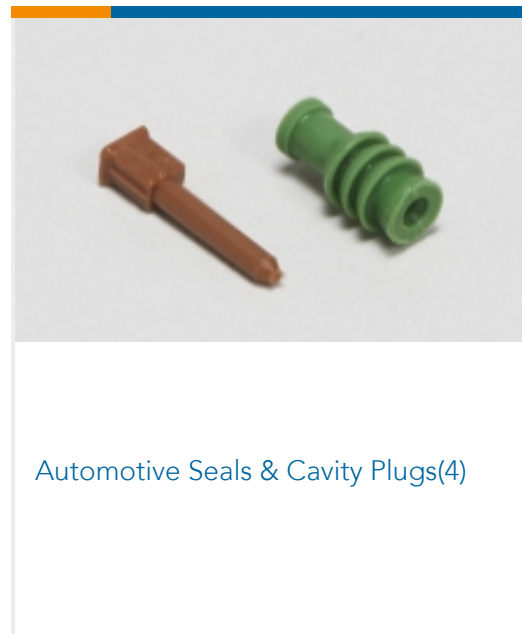
Automotive Connector Caps & Covers  
(98)



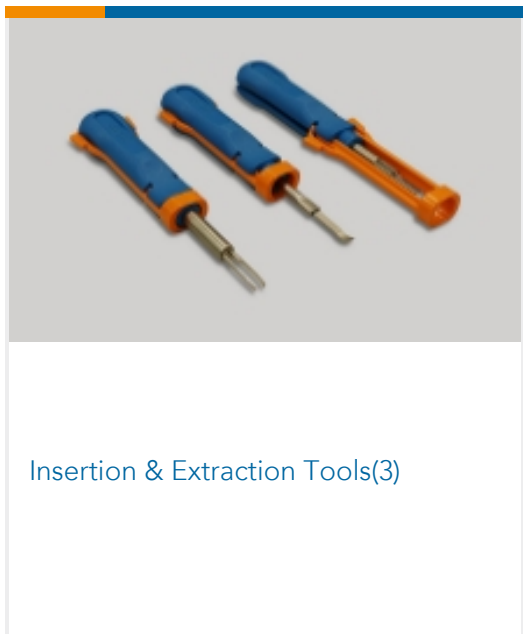
Automotive Connector Locks &  
Position Assurance(73)



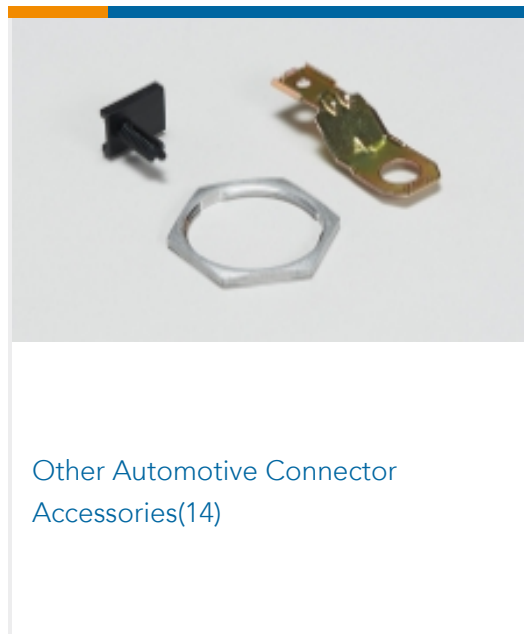
Automotive Housings(619)



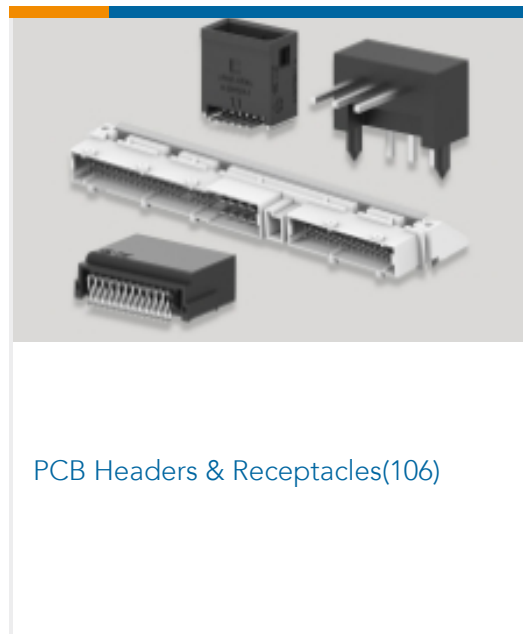
Automotive Seals & Cavity Plugs(4)



Insertion & Extraction Tools(3)



Other Automotive Connector  
Accessories(14)



PCB Headers & Receptacles(106)

Customers Also Bought



TE Part #DT04-2P  
DEUTSCH DT Series Housings &  
Connectors



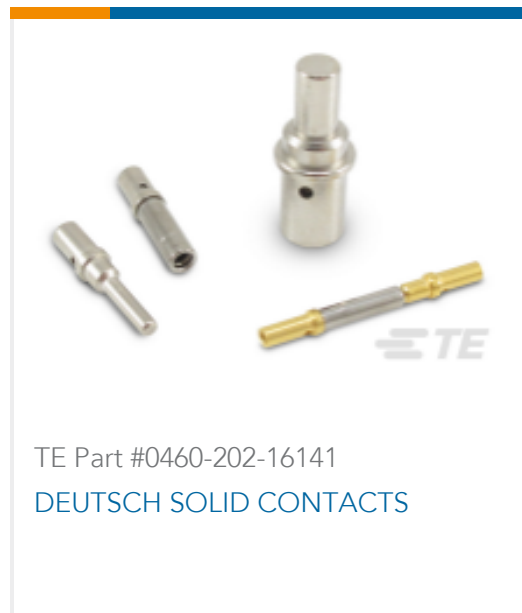
TE Part #W2S  
DEUTSCH DT WEDGELOCKS



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



## Documents

### Product Drawings

[REC, 12P, GRY, N, FLANGE, A](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2303064-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2303064-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2303064-1\\_A.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

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[UL Report](#)

English