

Connectors &gt; Automotive Connectors &gt; Automotive Housing &gt; DEUTSCH DT Receptacle Connectors

Connector System: **Bus Bar-to-Wire**Number of Positions: **12**Connector & Housing Type: **Housing for Male Terminals**Centerline (Pitch): **9.12 mm [ .359 in ]**Sealable: **Yes**[All DEUTSCH DT Receptacle Connectors \(247\)](#)

## Features

### Product Type Features

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

### Configuration Features

Blank Cavity Position	0
Connector Modification	(2) 6 Pin Busses
Number of Positions	12
Number of Rows	2

### Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	12 V, 24 V, 48 V

### Body Features

Cable Exit Angle	180°
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Primary Product Color	Black
Connector & Keying Code	B
<b>Contact Features</b>	
Contact Type	Pin
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A
<b>Mechanical Attachment</b>	
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Bus Bar Mount
<b>Housing Features</b>	
Housing Material	PA GF
Centerline (Pitch)	9.12 mm[.359 in]
<b>Dimensions</b>	
Connector Height	22.25 mm[.876 in]
Product Width	40.56 mm[1.597 in]
Product Length	51.89 mm[2.043 in]
Row-to-Row Spacing	4.45 mm[.175 in]
<b>Usage Conditions</b>	
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 - 125 °C[-67 - 257 °F]
<b>Operation/Application</b>	
Circuit Application	Power & Signal
<b>Industry Standards</b>	
Degree of Protection	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	Not tested
<b>Packaging Features</b>	
Packaging Quantity	250

## Packaging Method

Box

## Other

Serviceable

Yes

Connector Position Assurance Capable

No

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024

(240)

Candidate List Declared Against: JAN 2024  
(240)

SVHC &gt; Threshold:

Octamethylcyclotetrasiloxane (D4) (.5% in  
Component Part)Dodecamethylcyclohexasiloxane (D6) (.5%  
in Component Part)Decamethylcyclopentasiloxane (D5) (.5% in  
Component Part)**Article Safe Usage Statements:**  
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

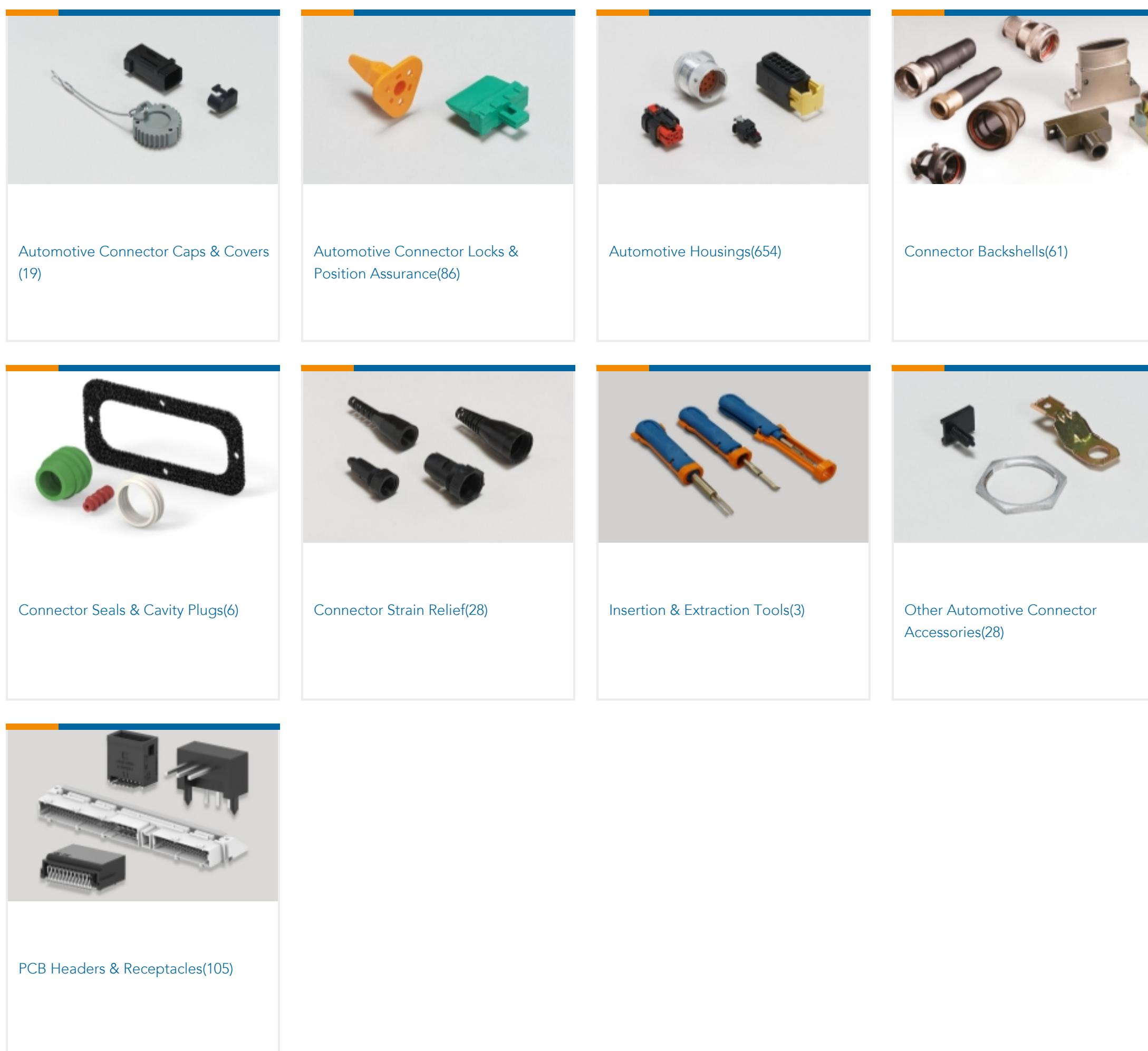
## Product Compliance Disclaimer

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



Also in the Series | **DEUTSCH DT**



## Customers Also Bought

