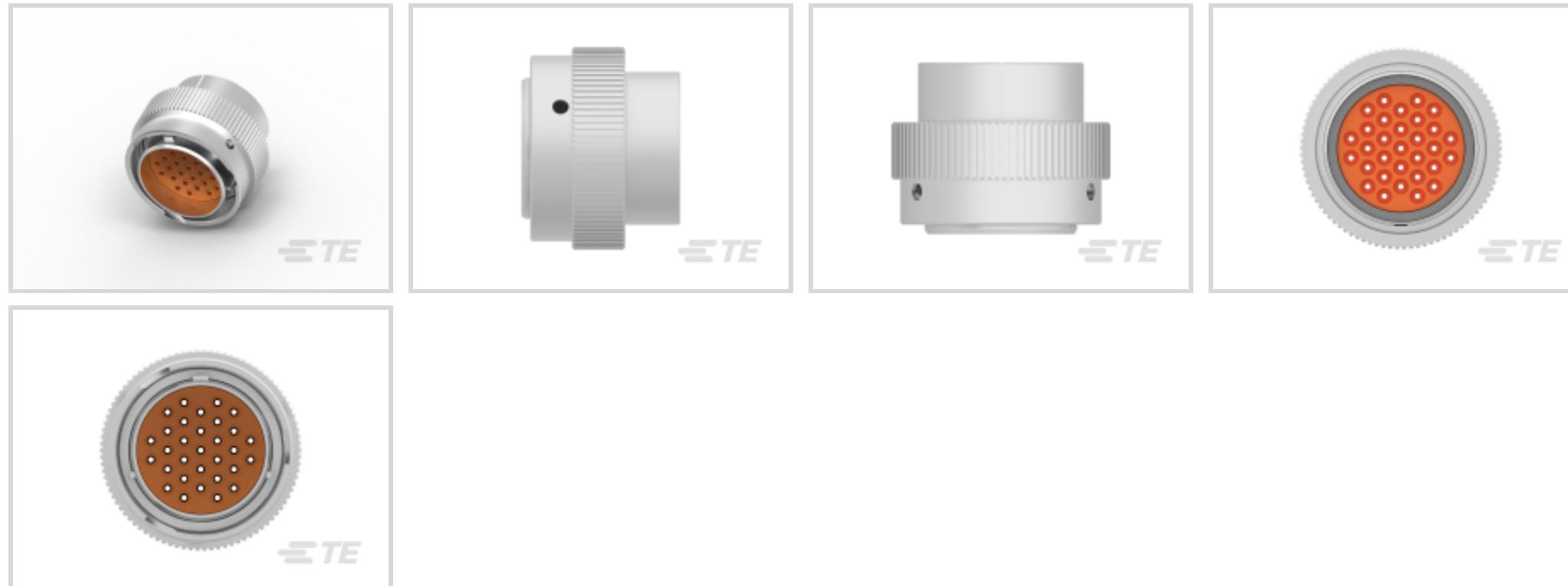


Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



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

Number of Positions: **31**

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

Sealable: **Yes**

Mating Pin Diameter: **1.6 mm [ .063 in ]**

[All DEUTSCH HD30 Housings \(358\)](#)

## Features

### Product Type Features

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

### Configuration Features

Blank Cavity Position	0
Connector Seal Code	T Seal
Number of Positions	31

### Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Nominal Voltage Architecture	250 V
------------------------------	-------

#### Body Features

Cable Exit Angle	180°
------------------	------

#### Contact Features

Contact Size	Size 16
--------------	---------

Contact Type	Pin
--------------	-----

Mating Pin Diameter	1.6 mm[.063 in]
---------------------	-----------------

Contact Current Rating (Max)	13 A
------------------------------	------

#### Mechanical Attachment

Terminal Position Assurance	No
-----------------------------	----

Strain Relief	Without
---------------	---------

Mating Alignment Type	Guide Slot
-----------------------	------------

Mating Alignment	With
------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

#### Housing Features

Housing Material	Aluminum Alloy
------------------	----------------

#### Dimensions

Connector Height	39.1 mm[1.54 in]
------------------	------------------

Product Width	49.3 mm[1.94 in]
---------------	------------------

Product Length	49.3 mm[1.94 in]
----------------	------------------

Compatible Insulation Diameter Range	1.4 – 3.8 mm[.055 – .15 in]
--------------------------------------	-----------------------------

#### Usage Conditions

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

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

#### Operation/Application

Circuit Application	Power
---------------------	-------

#### Industry Standards

Degree of Protection	IP67
----------------------	------

#### Packaging Features

Packaging Quantity	1
--------------------	---

## Packaging Method

## Package

## 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: JUNE 2024  
(241)Candidate List Declared Against: JUNE  
2024 (241)SVHC > 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.

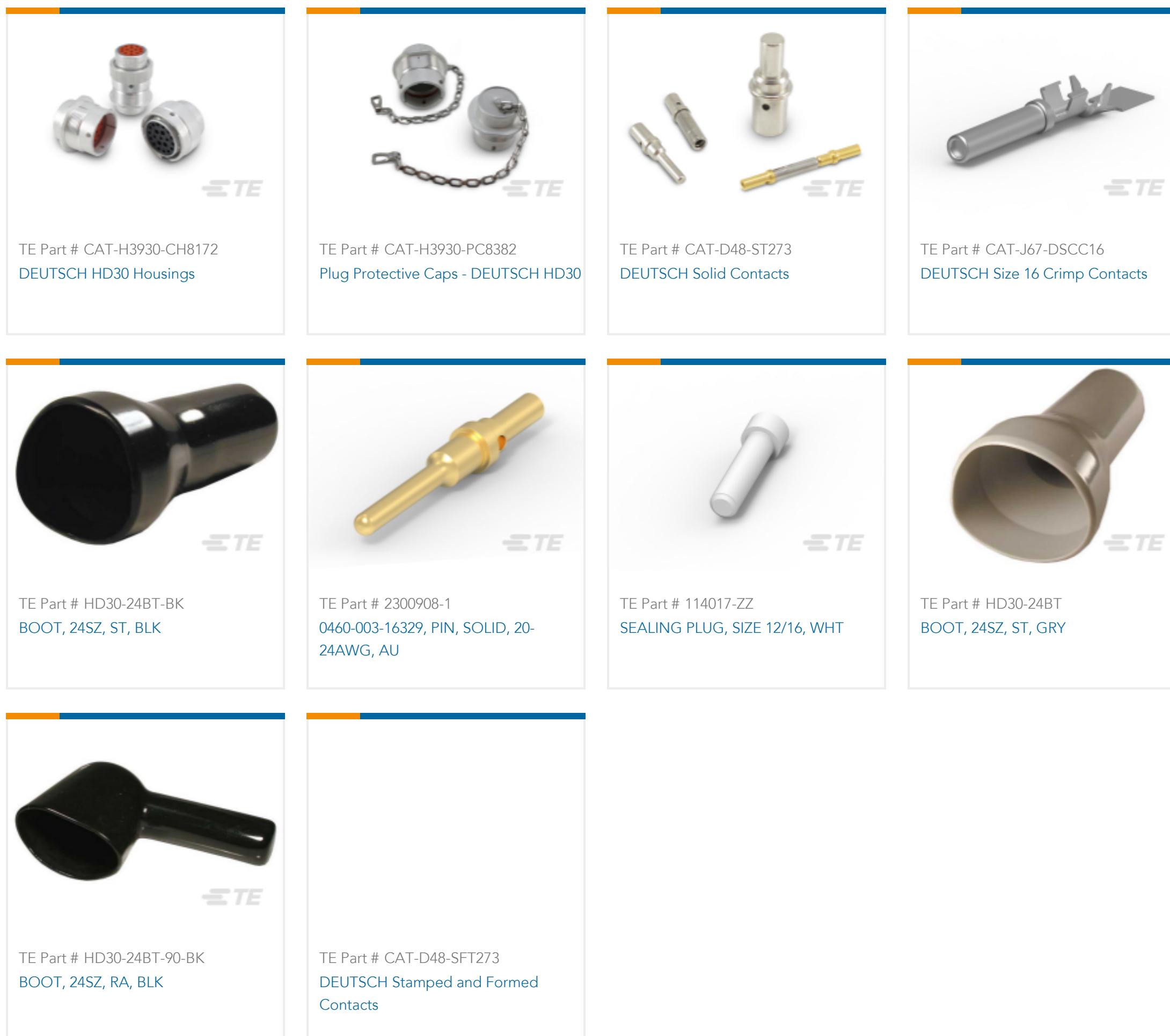
Solder Process Capability

Not reviewed for solder process capability

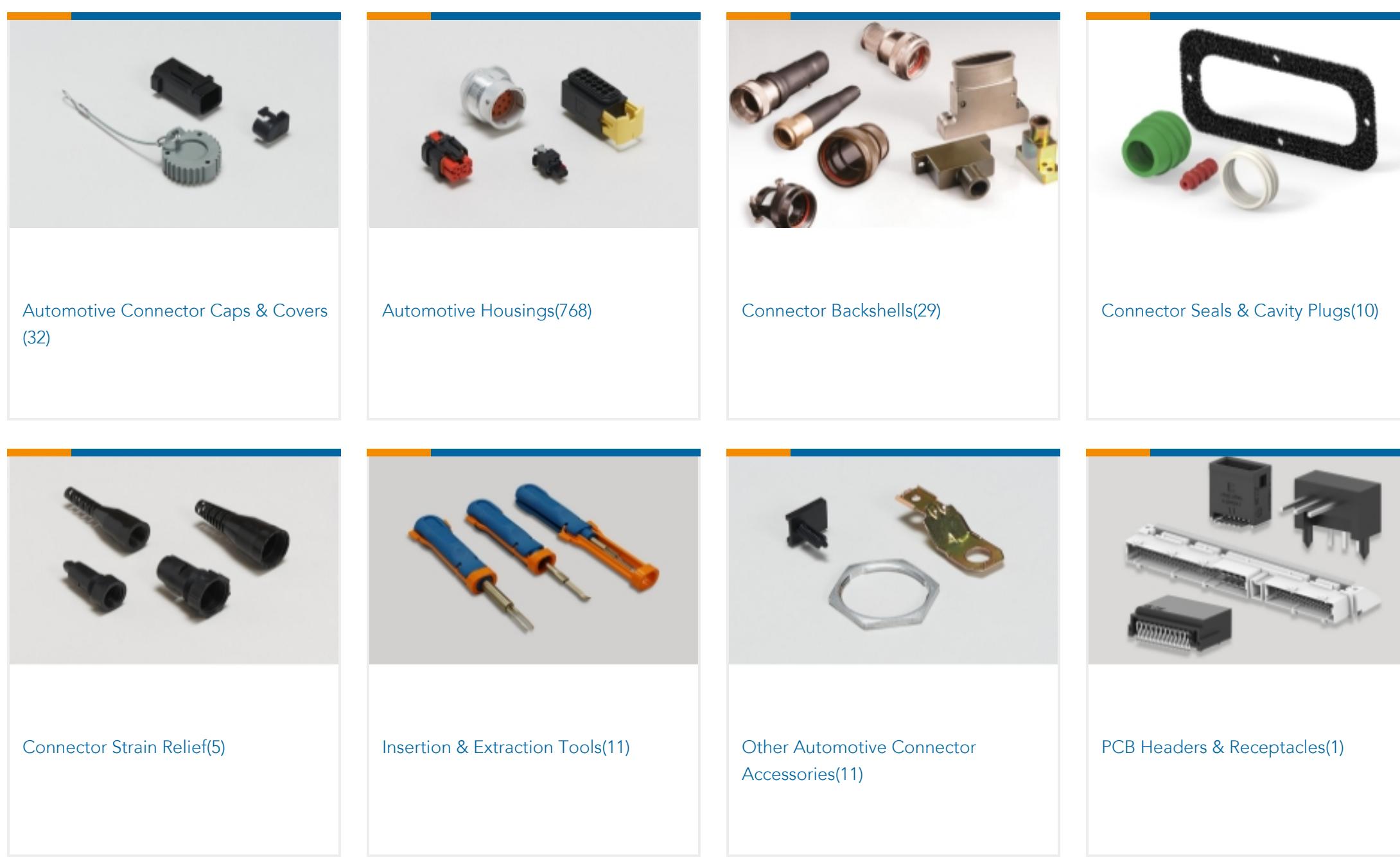
## Product Compliance Disclaimer

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>

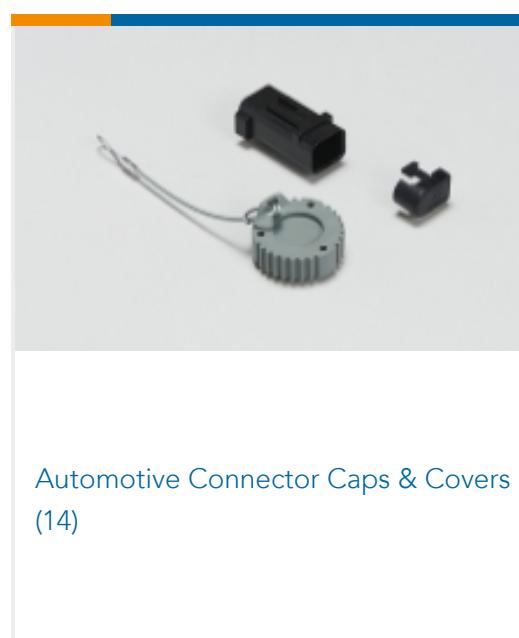
## Compatible Parts



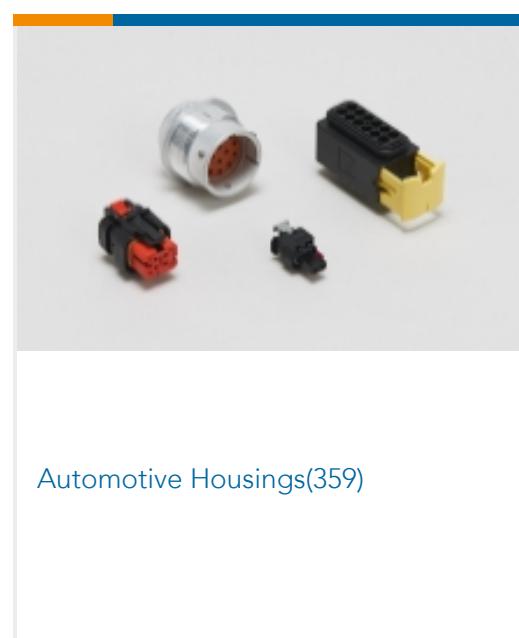
## Also in the Series | DEUTSCH HD



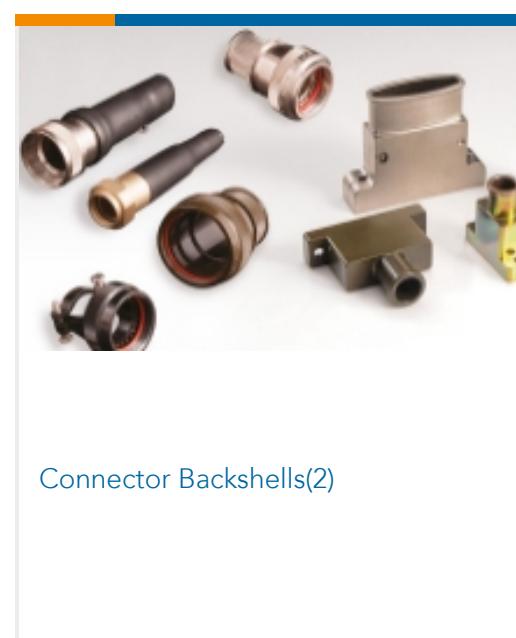
## Also in the Series | DEUTSCH HD30



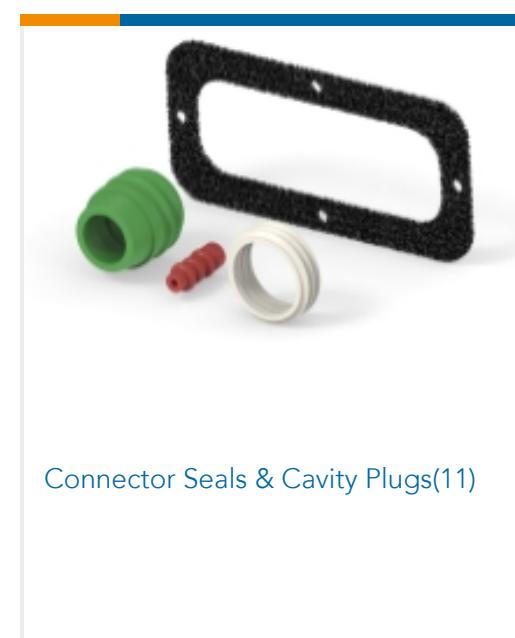
Automotive Connector Caps &amp; Covers (14)



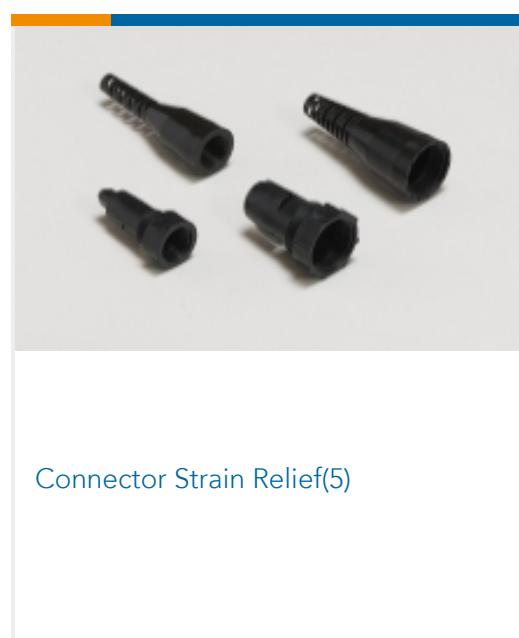
Automotive Housings(359)



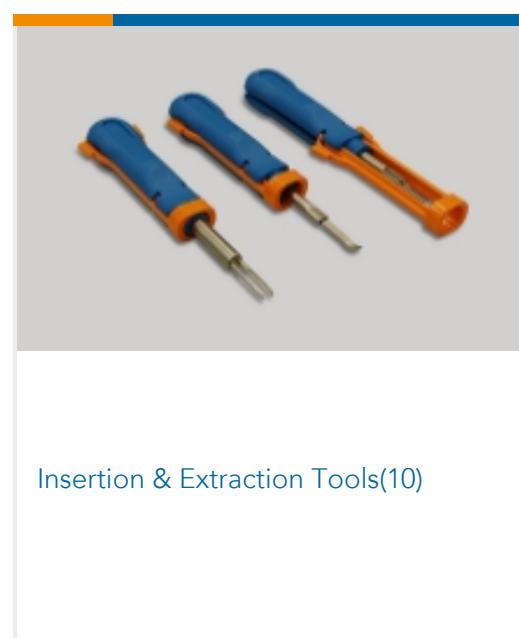
Connector Backshells(2)



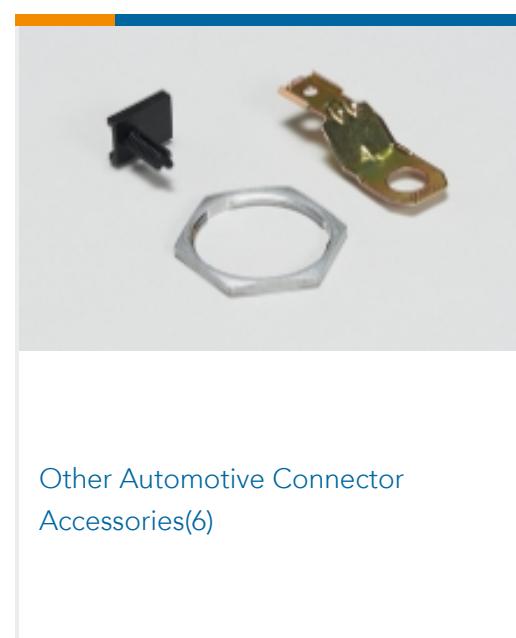
Connector Seals &amp; Cavity Plugs(11)



Connector Strain Relief(5)



Insertion &amp; Extraction Tools(10)



Other Automotive Connector Accessories(6)

## Customers Also Bought

TE Part #HD34-24-18SE  
DEUTSCH HD30 HousingsTE Part #DT04-08PB-E003  
REC, 8P, BLK, N, CAP, BTE Part #112264-ZZ  
LOCKWASHER, SIZE 24, HD30

## Documents

### CAD Files

[3D PDF](#)
[3D](#)

#### Customer View Model

[ENG\\_CVM\\_CVM\\_HD36-24-31PT\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_HD36-24-31PT\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_HD36-24-31PT\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

---

[Product Specifications](#)

[Application Specification](#)

English