

# HDP24-24-23SE-L015 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

TE Internal #: HDP24-24-23SE-L015

Housing for Female Terminals, Wire-to-Wire, 23 Position, Sealable, Black, Wire & Cable, Power & Signal

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH HDP20 HOUSINGS



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

Mating Pin Diameter: **1.59 mm [ .063 in ]**

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

Number of Positions: **23**

Sealable: **Yes**

[All DEUTSCH HDP20 HOUSINGS \(325\)](#)

## Features

### Product Type Features

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

### Configuration Features

Blank Cavity Position	0
Number of Positions	23

### Electrical Characteristics

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

### Body Features



Cable Exit Angle	180°
Body Material	PA GF
Primary Product Color	Black

#### Contact Features

Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A

#### Mechanical Attachment

Mounting Feature	With
Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized
Connector Mounting Type	Bulkhead, Cable Mount (Free-Hanging), Panel Mount

#### Dimensions

Product Width	50.8 mm[2 in]
Product Length	58.67 mm[2.31 in]
Product Height	47.63 mm[1.875 in]
Accepts Wire Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 in]

#### Usage Conditions

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

#### Operation/Application

Circuit Application	Power & Signal
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#### Industry Standards

Degree of Protection	IP67
UL Flammability Rating	20mm Flame Test per Standard UL-94

#### Packaging Features

Packaging Method	Box
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#### Other

Serviceable	Yes
Connector Position Assurance Capable	No



## Product Compliance




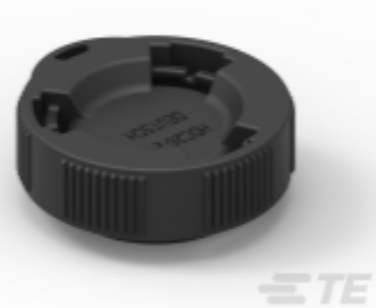



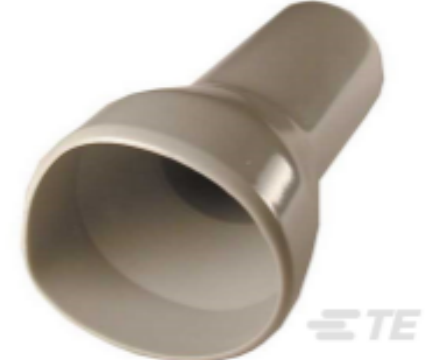
[For compliance documentation, visit the product page on TE.com>](#)

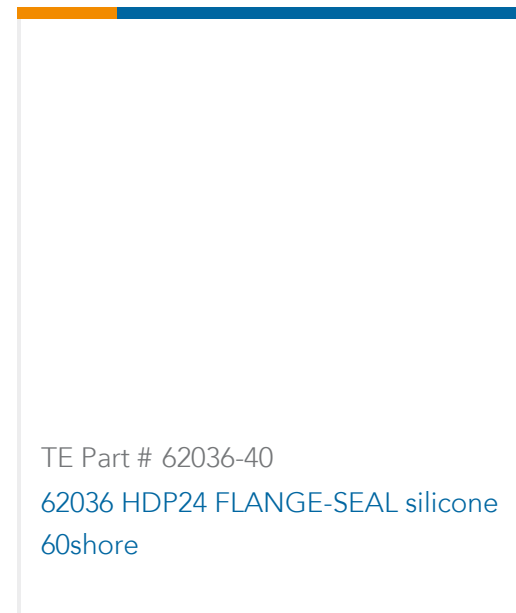
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

### Product Compliance Disclaimer

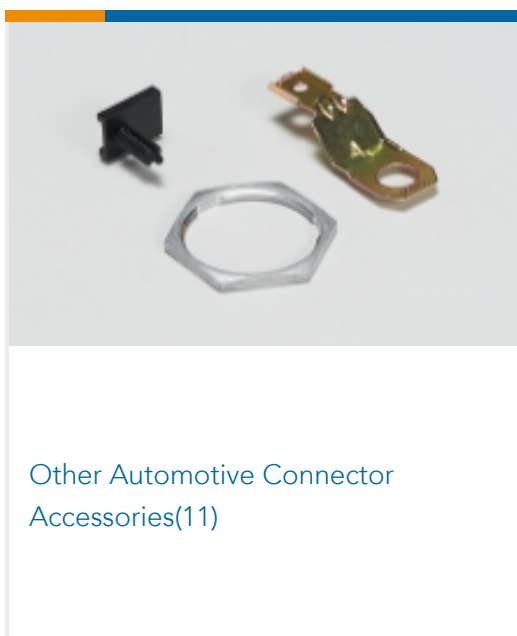
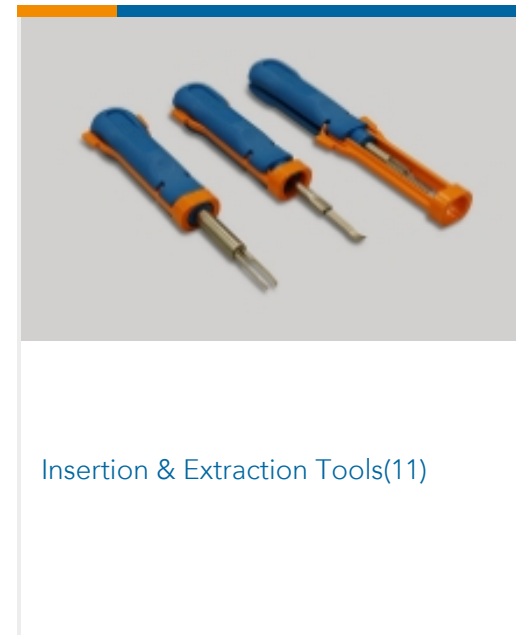
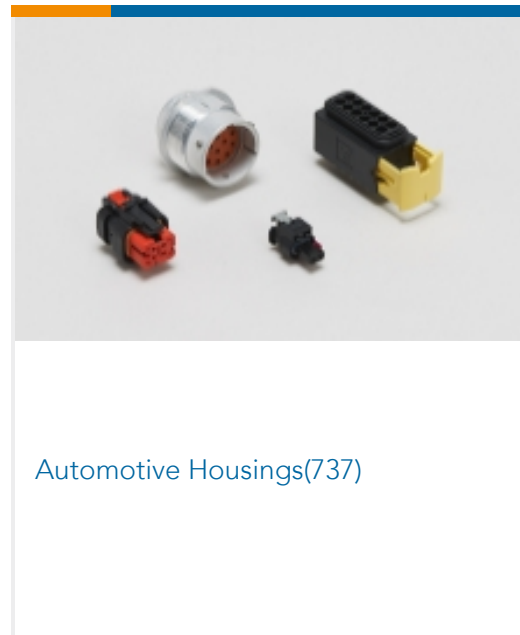
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

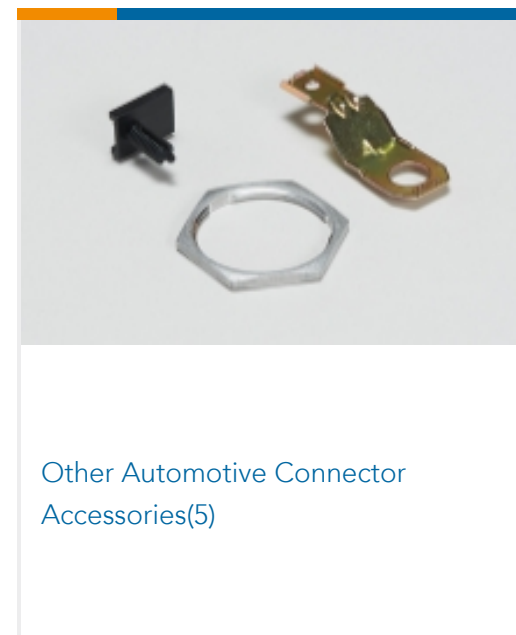
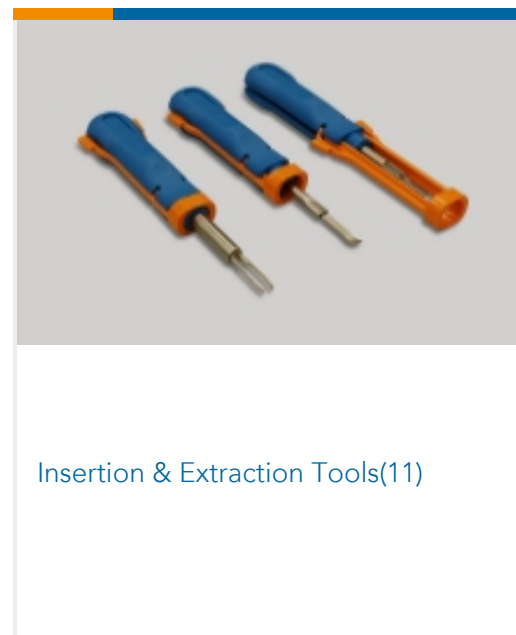
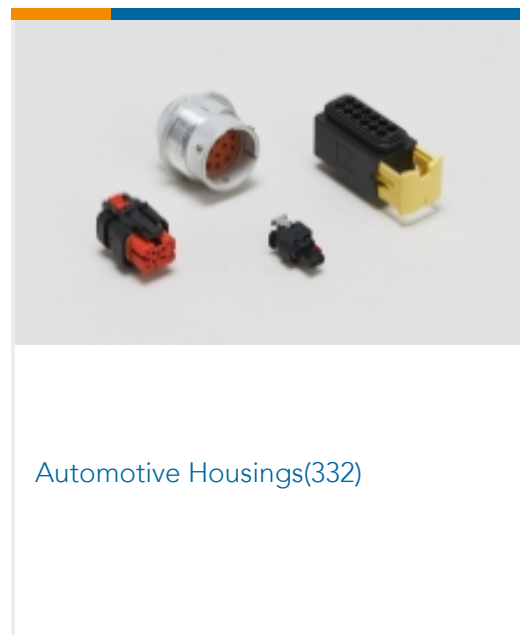
 <p>TE Part # CAT-H396-B128 DEUTSCH HDP20 BACKSHELLS</p>	 <p>TE Part # CAT-H3910-B128 DEUTSCH HD10 BACKSHELLS</p>	 <p>TE Part # CAT-H396-CH8172 DEUTSCH HDP20 HOUSINGS</p>	 <p>TE Part # CAT-H396-RC8382 DEUTSCH HDP20 RECEPTACLE PROTECTIVE CAPS</p>
 <p>TE Part # CAT-D48-SP729 DEUTSCH SEALING PLUGS</p>	 <p>TE Part # 24-D-PUNCH D-HOLE PUNCH, SIZE 24</p>	 <p>TE Part # HD30-24BT-BK BOOT, 24SZ, ST, BLK</p>	 <p>TE Part # HD30-24BT BOOT, 24SZ, ST, GRY</p>



Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HDP**



Customers Also Bought





TE Part #HDP24-24-31SE-L015  
DEUTSCH HDP20 HOUSINGS



TE Part #M902-2243  
BKSHL, 24SZ, CBL SZ .430-.570, HDP L015



TE Part #HDP24-24-16SE-L015  
REC, 16P, BLK, E, THD, 12, S



TE Part #HDP26-24-16SE-L015  
PLG, 16P, BLK, E, THD, 12, S



TE Part #2236369-1  
61103 DVI LOCKING SEALING PLUG #16



TE Part #SMBR-02-U  
DIN72585 BACKSHELL 90

## Documents

### Product Drawings

[REC, 23P, BLK, E, THD, 16, S](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_HDP24-24-23SE-L015\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_HDP24-24-23SE-L015\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_HDP24-24-23SE-L015\\_A.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

### Agency Approvals

[UL Report](#)



English