

# HDP24-24-19SE-L015 ✓ ACTIVE

TE Internal #: HDP24-24-19SE-L015

Housing for Female Terminals, Wire-to-Wire, 19 Position, Sealable, Black, Wire & Cable, Power & Signal, Panel Mount, -67 – 257 °F [-55 – 125 °C]

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Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **19**

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

Sealable: **Yes**

Mating Pin Diameter: **1.59 mm, 2.39 mm [ .063 in, .094 in ]**

## Features

### Product Type Features

Hybrid Connector	Yes
Connector Shape	Circular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Contact Retainer

### Configuration Features

Blank Cavity Position	0
Connector Modification	Threaded Adapter
Connector Seal Code	E Seal
Number of Positions	19

### Electrical Characteristics

Operating Voltage	250 VAC
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Nominal Voltage Architecture	12 V, 24 V, 48 V
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### Body Features

Cable Exit Angle	180°
Primary Product Color	Black

### Contact Features

Contact Size	Size 12, Size 16
Contact Type	Socket
Mating Pin Diameter	1.59 mm, 2.39 mm [.063 in] [.094 in]
Contact Current Rating (Max)	13 A, 25 A

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Guide Post
Mating Alignment	With
Connector Mounting Type	Panel Mount

### Housing Features

Housing Material	PA GF
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### Dimensions

Connector Height	47.63 mm [1.875 in]
Product Width	50.8 mm [2 in]
Product Length	58.67 mm [2.31 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm, 2.46 – 4.01 mm [.053 – .12 in] [.097 – .158 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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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>

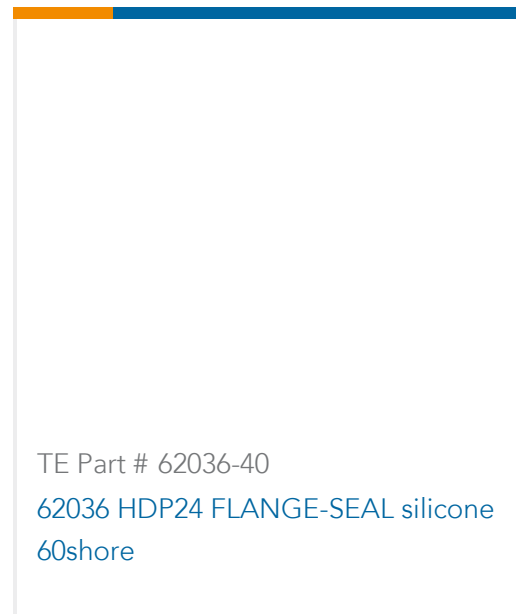
**Compatible Parts**

TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings

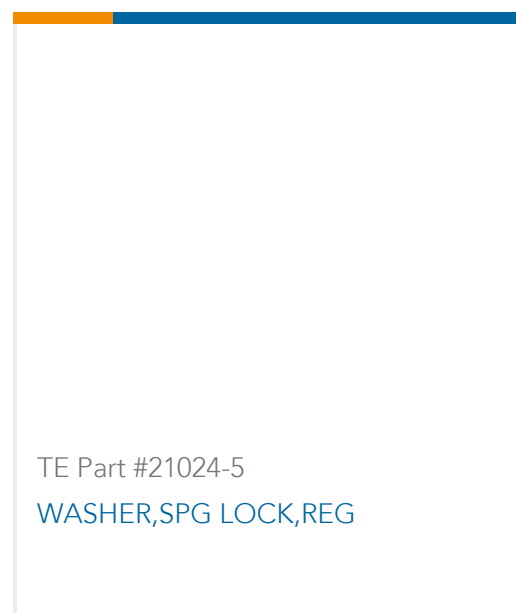
TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs

TE Part # CAT-H3910-B128  
DEUTSCH HD10 Backshells

TE Part # CAT-H396-RC8382  
Receptacle Protective Caps — DEUTSCH HDP20



## Customers Also Bought



## Documents



**Product Drawings**

**REC, 19P, BLK, E, THD, 12/16, S**

English

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**CAD Files**

**3D PDF**

3D

**Customer View Model**

**ENG\_CVM\_CVM\_HDP24-24-19SE-L015\_C.2d\_dxf.zip**

English

**Customer View Model**

**ENG\_CVM\_CVM\_HDP24-24-19SE-L015\_C.3d\_igs.zip**

English

**Customer View Model**

**ENG\_CVM\_CVM\_HDP24-24-19SE-L015\_C.3d\_stp.zip**

English

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

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**Datasheets & Catalog Pages**

**CONNECTOR SELECTOR**

English

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**Product Specifications**

**Application Specification**

English

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**Agency Approvals**

**UL Report**

English