

HDP26-24-47SE-L015

✓ ACTIVE

DEUTSCH | [DEUTSCH HD](#), [DEUTSCH HDP](#)

TE Internal #: HDP26-24-47SE-L015

Housing for Female Terminals, Wire-to-Wire, 47 Position, Sealable, Black, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HDP20 Housings



Connector System: **Wire-to-Wire**  
Number of Positions: **47**  
Connector & Housing Type: **Housing for Female Terminals**  
Sealable: **Yes**  
Mating Pin Diameter: **1.02 mm, 1.59 mm [ .04 in, .063 in ]**

[All DEUTSCH HDP20 Housings \(324\)](#)

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & 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    | 47               |

Electrical Characteristics

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

Body Features



|                       |       |
|-----------------------|-------|
| Cable Exit Angle      | 180°  |
| Primary Product Color | Black |

Contact Features

|                              |                                   |
|------------------------------|-----------------------------------|
| Contact Size                 | Size 16, Size 20                  |
| Contact Type                 | Socket                            |
| Mating Pin Diameter          | 1.02 mm, 1.59 mm[.04 in][.063 in] |
| Contact Current Rating (Max) | 7.5 A, 13 A                       |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Terminal Position Assurance | No                         |
| Strain Relief               | Add By Accessory           |
| Mating Alignment Type       | Guide Slot                 |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                  |       |
|------------------|-------|
| Housing Material | PA GF |
|------------------|-------|

Dimensions

|                                      |                                                              |
|--------------------------------------|--------------------------------------------------------------|
| Connector Height                     | 49.53 mm[1.95 in]                                            |
| Product Width                        | 49.53 mm[1.95 in]                                            |
| Product Length                       | 55.45 mm[2.183 in]                                           |
| Compatible Insulation Diameter Range | 1.02 - 2.1 mm, 1.35 - 2.62 mm[.04 - .083 in][.053 - .103 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 |
|---------------------|----------------|

Industry Standards

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

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 160 |
| Packaging Method   | Box |



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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Octamethylcyclotetrasiloxane (D4) (.4% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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





TE Part # CAT-H396-CH8172  
DEUTSCH HDP20 Housings



TE Part # CAT-H396-B128  
DEUTSCH HDP20 Backshells



TE Part # CAT-H3910-B128  
DEUTSCH HD10 Backshells



TE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs



TE Part # HD30-24BT-BK  
BOOT, 24SZ, ST, BLK



TE Part # HD30-24BT  
BOOT, 24SZ, ST, GRY



TE Part # HD30-24BT-90-BK  
BOOT, 24SZ, RA, BLK



TE Part # SRN21  
SEAL RING, CONDUIT ADAPTER, NW22



TE Part # CN21  
CAP NUT, CONDUIT ADAPTER, NW22



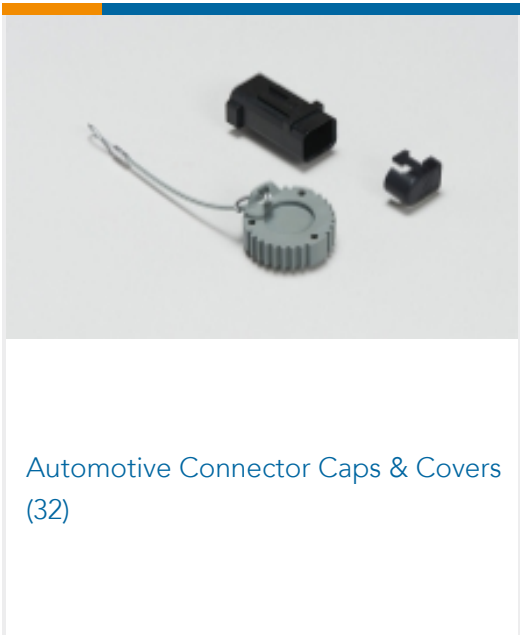
TE Part # 0411-240-2005  
EXT TOOL, SIZE 20, 16-22 AWG, N, RED



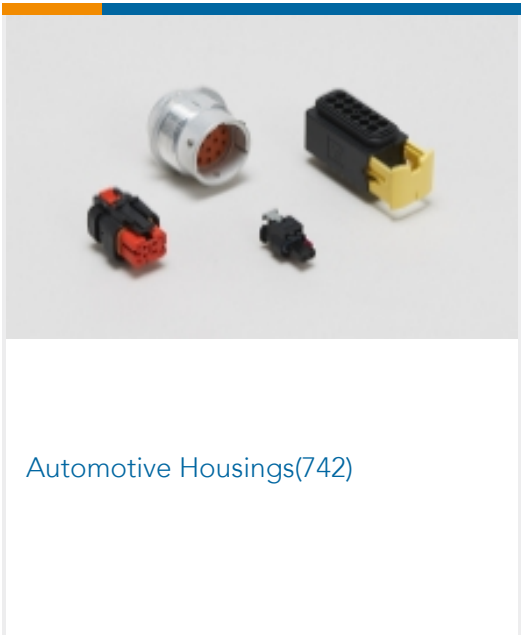
TE Part # 0411-336-1605  
EXT TOOL, SIZE 16, 16-20 AWG, E, DRK BLU

Also in the Series

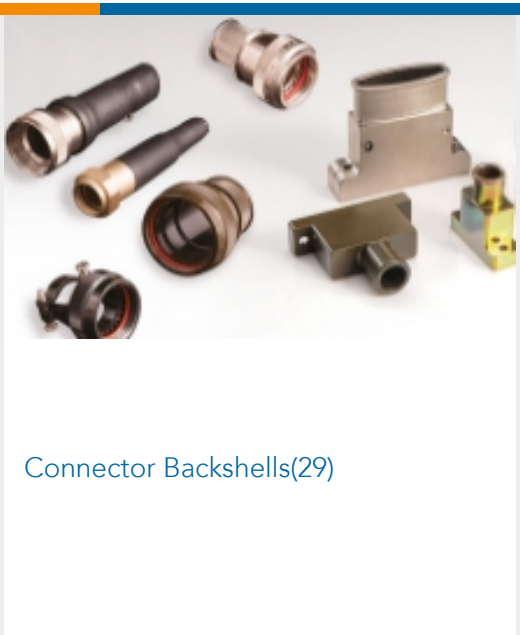
DEUTSCH HD



Automotive Connector Caps & Covers  
(32)



Automotive Housings(742)



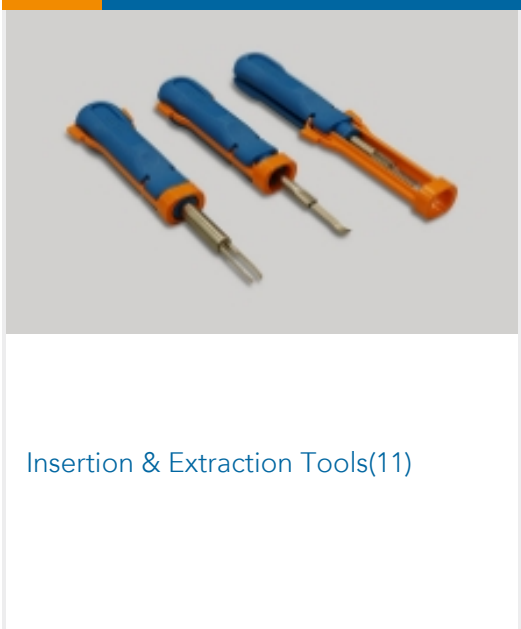
Connector Backshells(29)



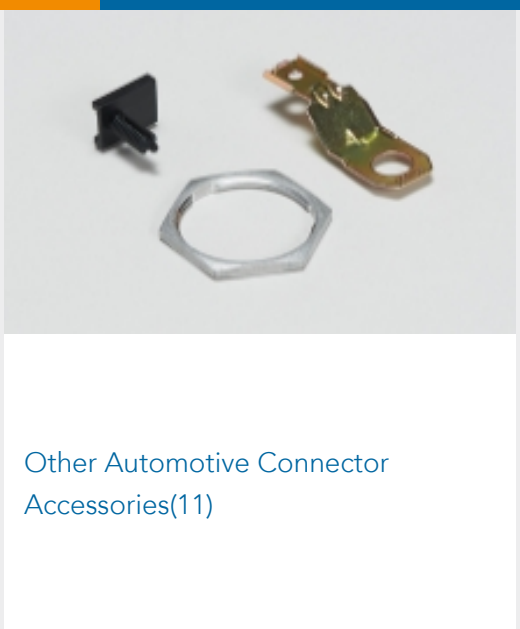
Connector Seals & Cavity Plugs(10)



Connector Strain Relief(5)



Insertion & Extraction Tools(11)



Other Automotive Connector  
Accessories(11)



PCB Headers & Receptacles(1)

Also in the Series

DEUTSCH HDP



Automotive Connector Caps & Covers  
(4)

Automotive Housings(331)

Connector Backshells(8)

Connector Seals & Cavity Plugs(1)

Insertion & Extraction Tools(11)

Other Automotive Connector  
Accessories(5)

Customers Also Bought

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

TE Part # HD14-9-1939PE  
INL REC ASM

TE Part # 1825421-1  
TRD23N10WL04 rocker switch

TE Part # 1393315-9  
V23132B2002A200=HCR

TE Part # B90-DTP04  
BKSHL, 4P, BLK, PLG, RA-U, SIDE B,  
NW 16

Documents

Product Drawings  
PLG, 47P, BLK, E, THD, 16/20, S  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_HDP26-24-47SE-L015\_B.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_HDP26-24-47SE-L015\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_HDP26-24-47SE-L015\\_B.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English