# HDP26-24-16SE-L024  ✓ ACTIVE
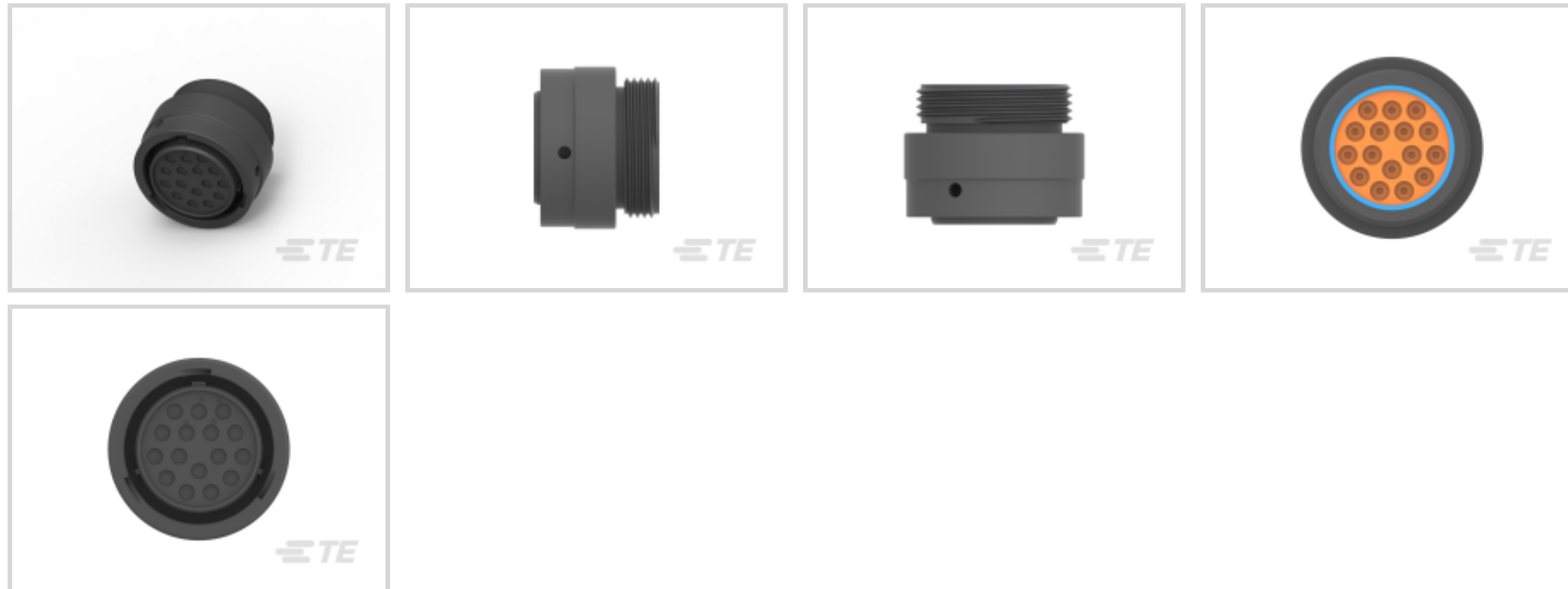
**DEUTSCH** | DEUTSCH HD,  DEUTSCH HDP

TE Internal #: 2293823-1

Housing for Female Terminals, Wire-to-Wire, 16 Position, Sealable, Black, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

View on TE.com >

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

Number of Positions:  **16**

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

Sealable:  **Yes**

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

All DEUTSCH HDP20 Housings (324)

## Features

### Product Type Features

| | |
|---|---|
| Mixed & Hybrid Connector | No |
| 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 Seal Code | E Seal |
| Number of Positions | 16 |

### Electrical Characteristics

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| | |
|---|---|
| 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 Type | Socket |
| Mating Pin Diameter | 2.39 mm[.094 in] |
| Contact Current Rating (Max) | 25 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 | 38.3 mm[1.508 in] |
| Compatible Insulation Diameter Range | 2.46 – 4.01 mm[.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 |

## Industry Standards

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

## Packaging Features

HDP26-24-16SE-L024

Housing for Female Terminals, Wire-to-Wire, 16 Position, Sealable, Black, Wire &
Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

| Packaging Quantity | 1 |
|---|---|
| Packaging Method | Box |

## Other

| Serviceable | Yes |
|---|---|
| Connector Position Assurance Capable | No |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

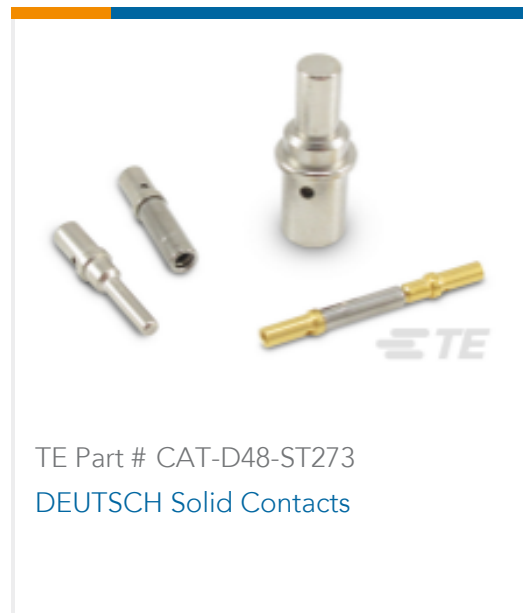| EU RoHS Directive 2011/65/EU | Compliant |
|---|---|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

Housing for Female Terminals, Wire-to-Wire, 16 Position, Sealable, Black, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

TE Part # CAT-H396-CH8172
DEUTSCH HDP20 Housings

TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part # Y2428-024-24050000
BKSHL, 24SZ, BLK, ST, L024, HDP

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

TE Part # 1062-12-0144
SOC, SF, SIZE 12, 12-14, AU/SN

TE Part # 1062-12-0222
SOC, SF, SIZE 12, 10, NI/NI

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

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

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

TE Part # 0411-337-1205
EXT TOOL, SIZE 12, 12-14 AWG, E, ORG

TE Part # 1062-12-0166
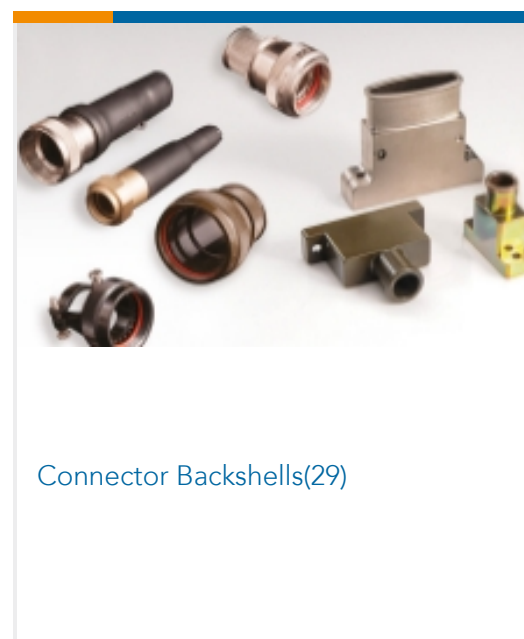SOC, SF, SIZE 12, 12-14, NI/SN
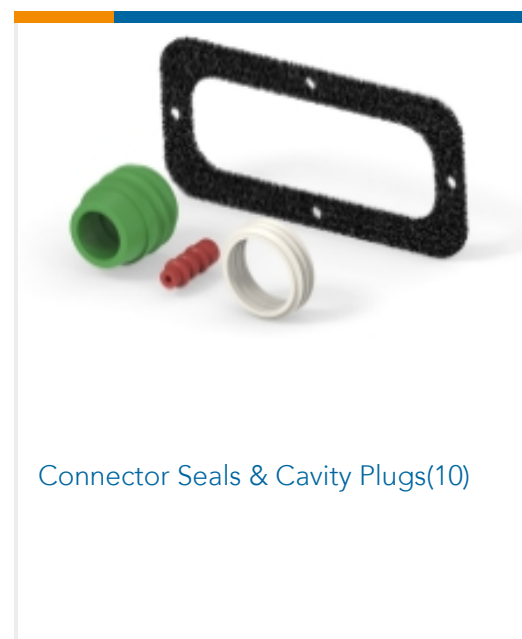
## Also in the Series | DEUTSCH HD
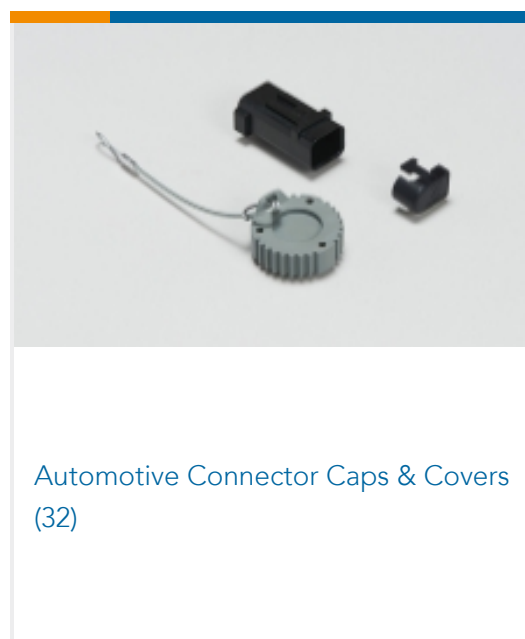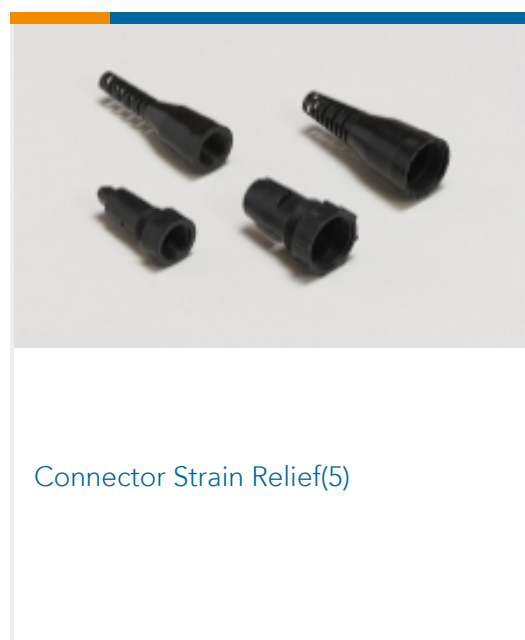
Automotive Connector Caps & Covers (32)
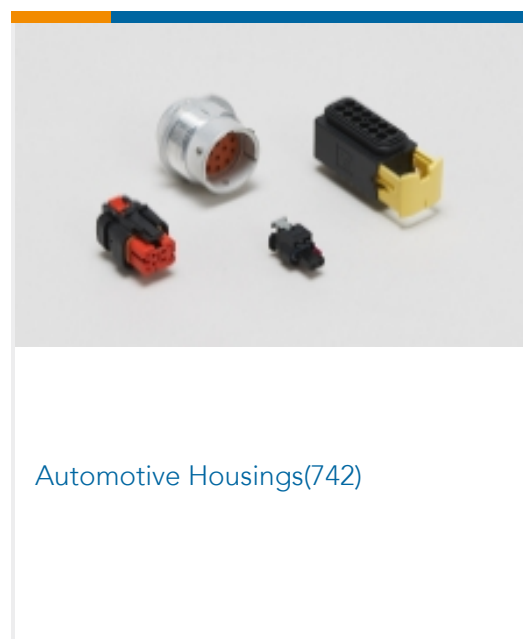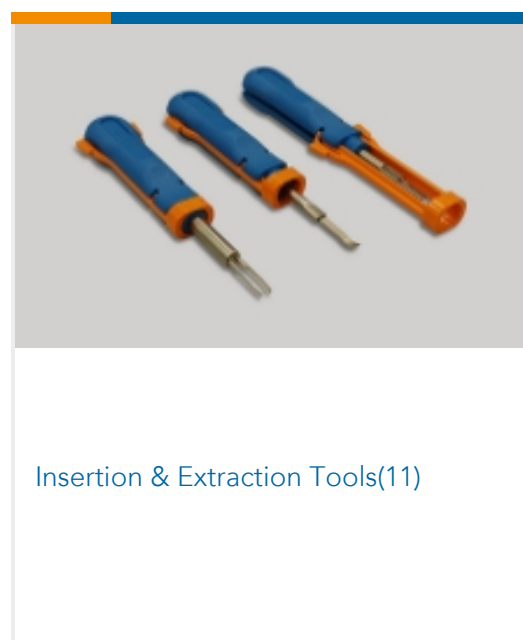
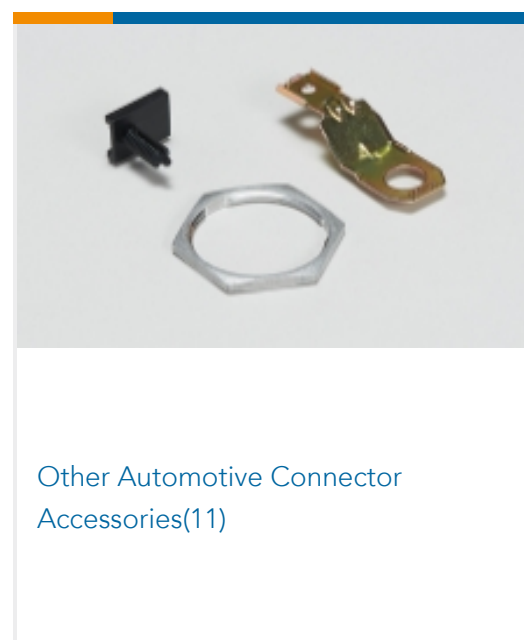Automotive Housings(742)

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

# HDP26-24-16SE-L024

Housing for Female Terminals, Wire-to-Wire, 16 Position, Sealable, Black, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

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)
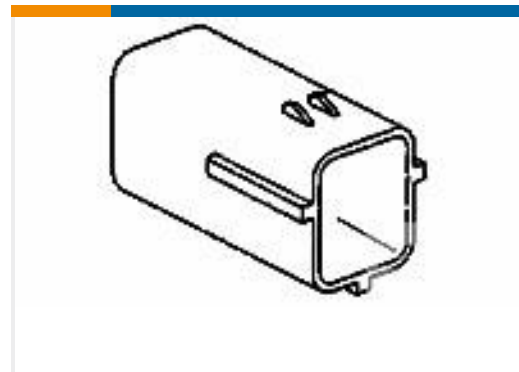
## Customers Also Bought

TE Part #2035366-4
AMPSEAL 16 Connectors Backshell

TE Part #YHDP26-24-47SEL024
DEUTSCH HDP20 Housings

TE Part #776532-3
AS 16, 8P PLUG ASSY, RD, KEY 3

TE Part #881778-1
KIT ECONOSEAL J 6PO

TE Part #2141970-3
MCON 1.2 LL REC SWS AG

TE Part #0016072001
DWP-125-1-2-STK

## Documents

### Product Drawings

HDP26-24-16SE-L024, PLG, 16P, E, WTHD, S

English

### CAD Files
3D PDF

3D

Customer View Model

ENG_CVM_CVM_2293823-1_B.2d_dxf.zip

HDP26-24-16SE-L024

Housing for Female Terminals, Wire-to-Wire, 16 Position, Sealable, Black, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

English

**Customer View Model**

ENG_CVM_CVM_2293823-1_B.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_2293823-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

## Product Specifications

Application Specification

English

## Agency Approvals

UL Report

English