

2411-001-2405 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HDP

TE Internal #: 2411-001-2405

Other Automotive Connector Accessories, Nut, PA GF, Black, -55 – 125 °C [-67 – 257 °F], DEUTSCH HDP

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Connector Accessories > Other Automotive Connector Accessories >

Lockwashers and Panel Nuts for Deutsch HDP20



Automotive Connector Accessory Type: Nut

Primary Product Material: PA GF

Primary Product Color: Black

Number of Positions: 7, 9, 14, 16, 18, 19, 21, 23, 29, 31, 33, 35, 47

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

[All Lockwashers and Panel Nuts for Deutsch HDP20 \(4\)](#)

## Features

### Product Type Features

Automotive Connector Accessory Type	Nut
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### Configuration Features

Number of Positions	7, 9, 14, 16, 18, 19, 21, 23, 29, 31, 33, 35, 47
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### Body Features

Primary Product Material	PA GF
Primary Product Color	Black

### Usage Conditions

Compatible With Connector Style	Receptacle
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

### Industry Standards

UL Flammability Rating	Not tested
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### Packaging Features



Packaging Method	Box
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**Other**

Serviceable	Yes
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**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 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



Automotive Connector Caps & Covers (65)



Automotive Housings(741)



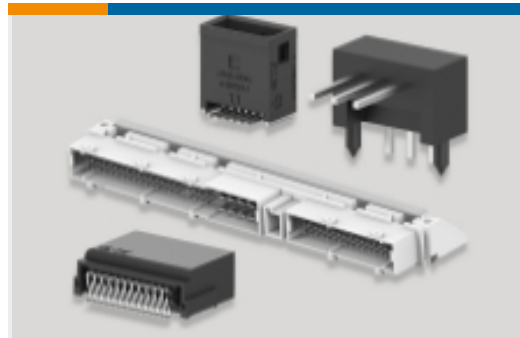
Automotive Seals & Cavity Plugs(10)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(11)



PCB Headers & Receptacles(1)

## Also in the Series | DEUTSCH HDP



Automotive Connector Caps & Covers (12)



Automotive Housings(331)



Automotive Seals & Cavity Plugs(1)



Insertion & Extraction Tools(11)



Other Automotive Connector Accessories(5)

## Customers Also Bought



## Documents

### Product Drawings

#### PANEL NUT, SIZE 24, HDP

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2411-001-2405\\_G\\_c-2411-001-2405-g.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2411-001-2405\\_G\\_c-2411-001-2405-g.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2411-001-2405\\_G\\_c-2411-001-2405-g.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