

HD36-24-19PN-059 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-24-19PN-059

Housing for Male Terminals, Wire-to-Wire, 19 Position, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), -67 – 257 °F [-55 – 125 °C]

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



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

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

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

Number of Positions: **19**

Sealable: **Yes**

[All DEUTSCH HD30 Housings \(358\)](#)

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Connector Modification	Cable Clamp
Connector Seal Code	N Seal
Number of Positions	19

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
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Contact Features

Contact Size	Size 12, Size 16
Contact Type	Pin
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	With
Mating Alignment Type	Guide Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Aluminum
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Dimensions

Connector Height	49.32 mm [1.942 in]
Product Width	49.32 mm [1.942 in]
Product Length	81.05 mm [3.191 in]
Compatible Insulation Diameter Range	2.54 – 3.4 mm, 3.4 – 4.32 mm [.1 – .134 in][.134 – .17 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
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Packaging Features



Packaging Quantity	80
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

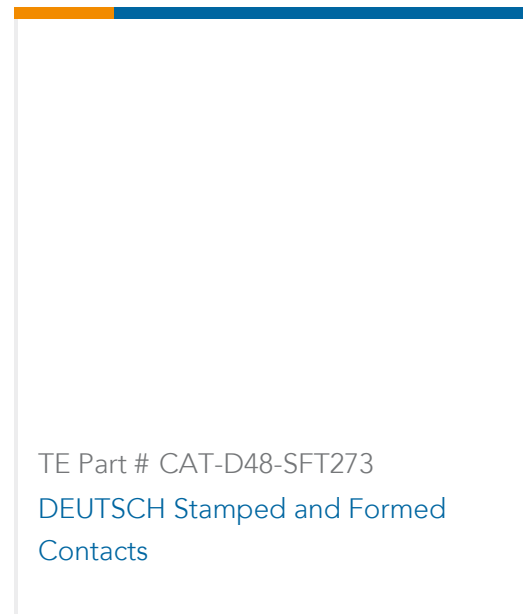
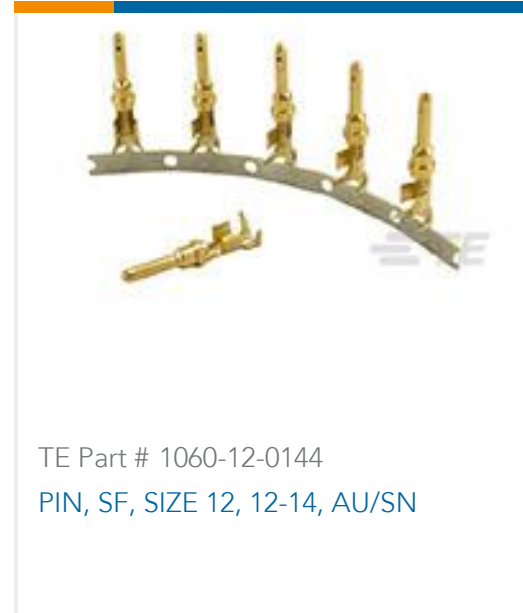
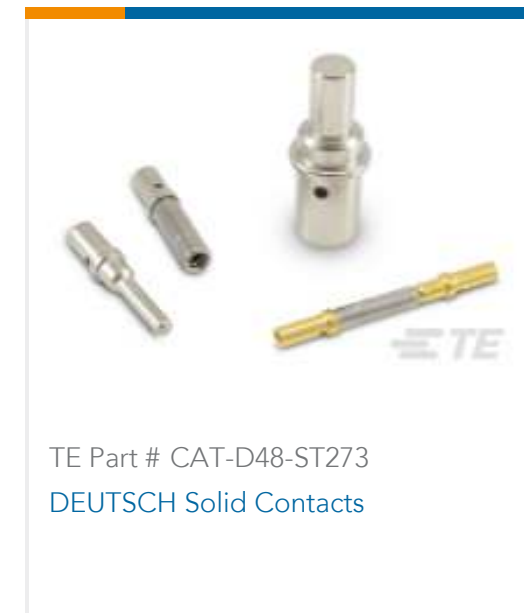
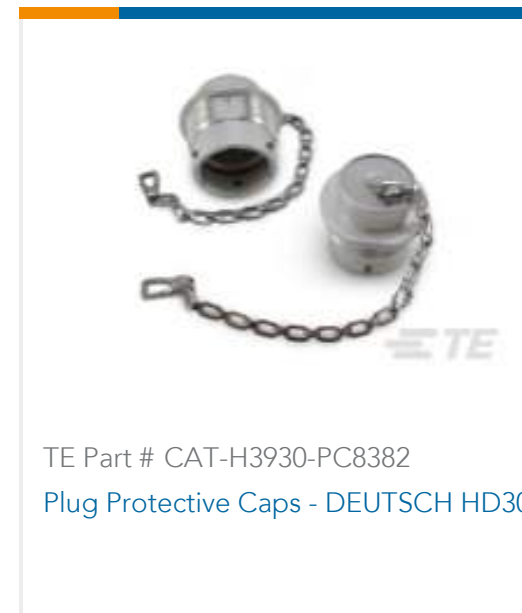
[For compliance documentation, visit the product page on TE.com>](#)

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) 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

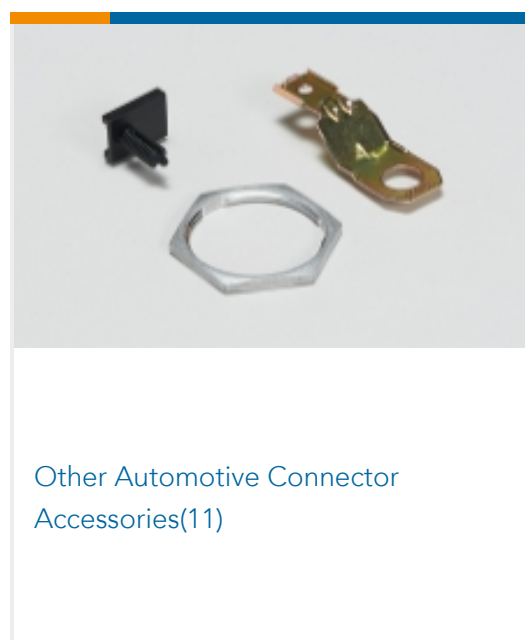
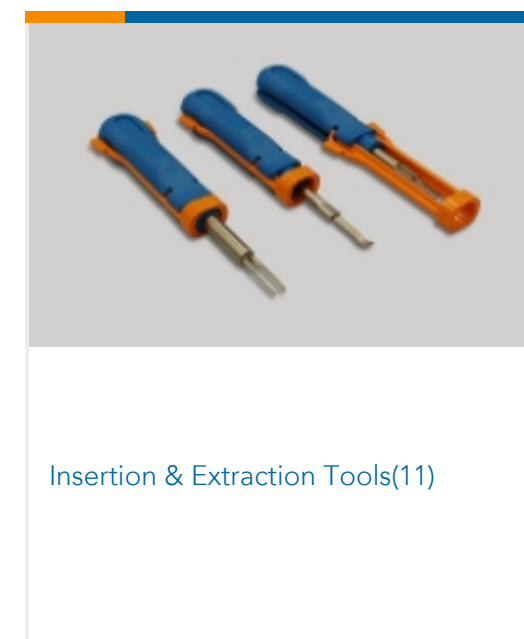
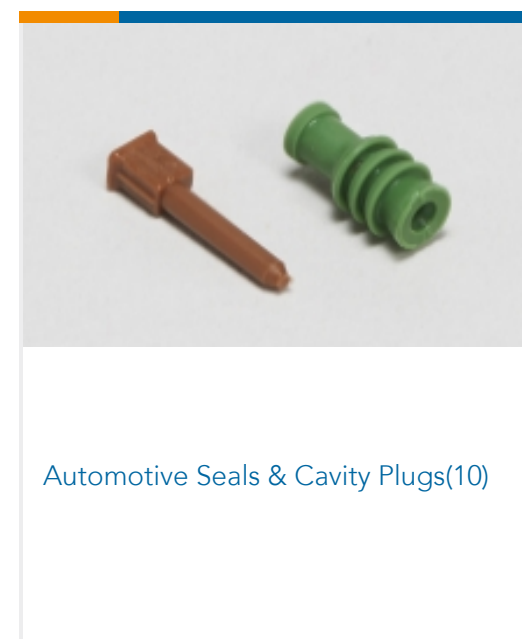
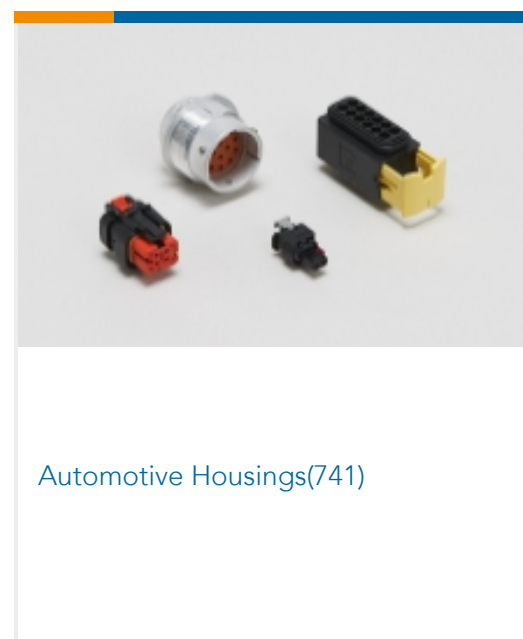
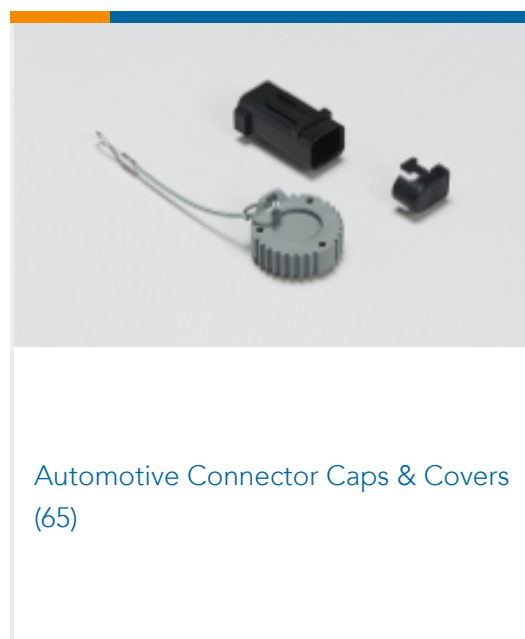
Product Compliance Disclaimer

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



Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HD30**



Automotive Connector Caps & Covers (20)



Automotive Housings(358)



Automotive Seals & Cavity Plugs(11)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #HD36-24-29PE
DEUTSCH HD30 Housings



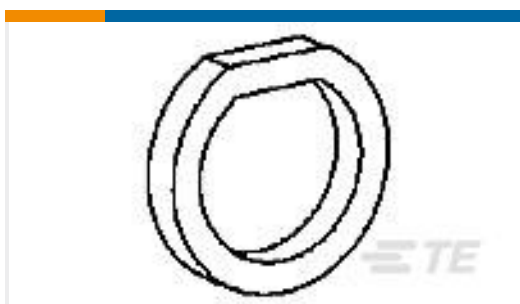
TE Part #HDP24-24-19PN
DEUTSCH HDP20 Housings



TE Part #350538-3
UMNL PIN 20-14 .0125 PTPPHBZ



TE Part #180351-2
FF 250 REC 4-6MM2 PTBR



TE Part #1445420-1
SEAL,FLANGE, SIZE 8/M13.5



TE Part #184115-1
12 POS. PLUG ASSY



TE Part #184030-1
RECPT, CONTACT 070, AUPHBZ

Documents

Product Drawings

PLG,19P,AL,N,CBLCLMP BT,DRAIN,12/16,P,MC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HD36-24-19PN-059_D1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_HD36-24-19PN-059_D1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-24-19PN-059_D1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English