

HDB36-24-91SN-059 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

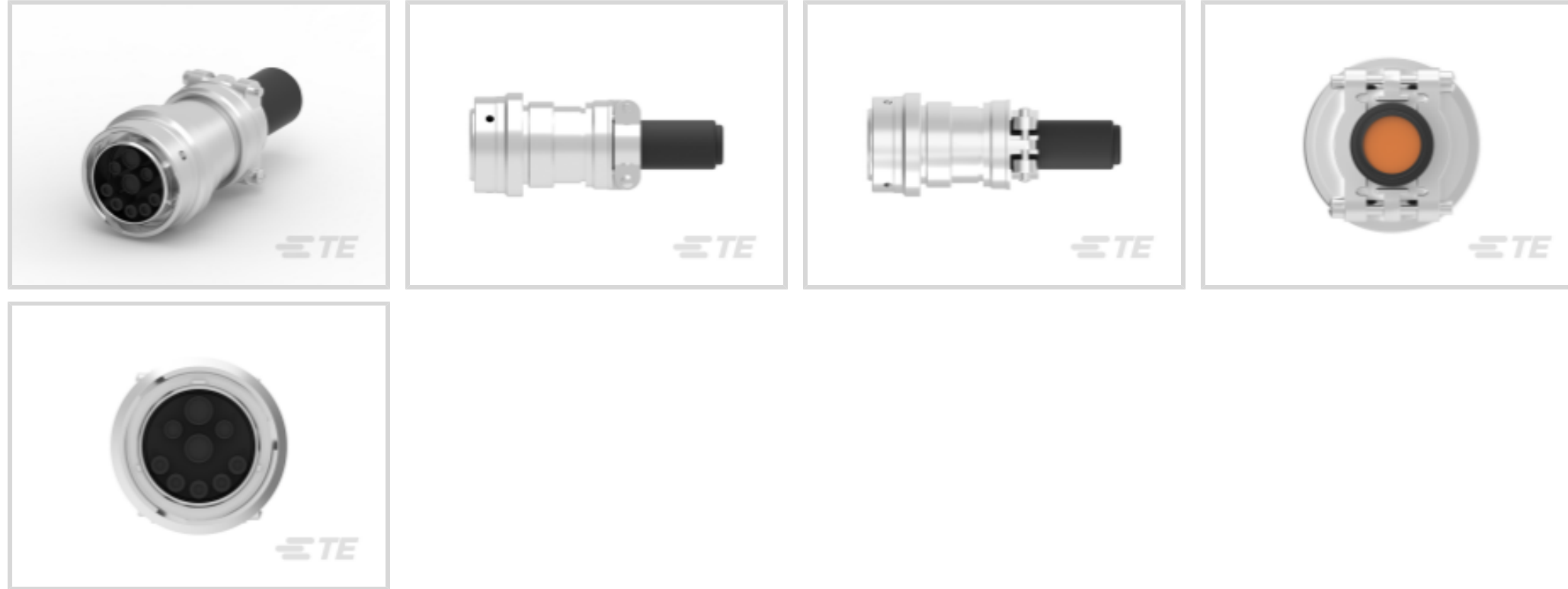
TE Internal #: HDB36-24-91SN-059

Housing for Female Terminals, Wire-to-Wire, 9 Position, Sealable, Green, Power & Signal, Cable Mount (Free-Hanging), Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



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

Number of Positions: **9**

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

Sealable: **Yes**

Mating Pin Diameter: **1.5 mm, 2.5 mm, 4 mm [.059 in, .098 in, .157 in]**

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

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
Primary Locking Feature	Integrated in Housing

Configuration Features

Connector Modification	Cable Clamp
Connector Seal Code	N Seal
Number of Positions	9

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V, 80 V, 90 V, 125 V, 240



V

Body Features

Cable Exit Angle	180°
Primary Product Color	Green

Contact Features

Contact Size	Size 12, Size 16, Size 8
Contact Type	Socket
Mating Pin Diameter	1.5 mm, 2.5 mm, 4 mm [.059 in][.098 in][.157 in]
Contact Current Rating (Max)	13 A, 25 A, 60 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)

Dimensions

Connector Height	49.32 mm [1.942 in]
Product Length	81.05 mm [3.191 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][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	1
Packaging Method	Package

Other



Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

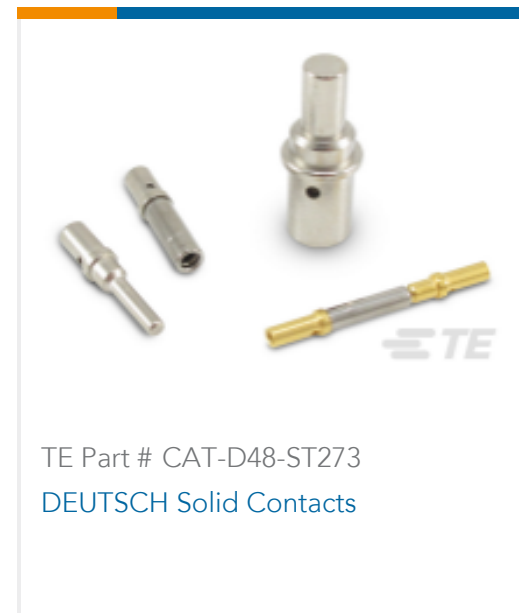
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2023 (235)</p> <p>SVHC > Threshold:</p> <p>Pb (1.2% in component part)</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in component part)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in component part)</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in component part)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

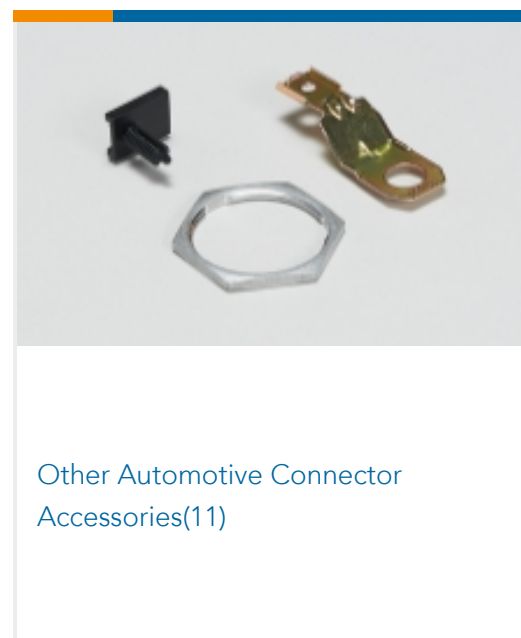
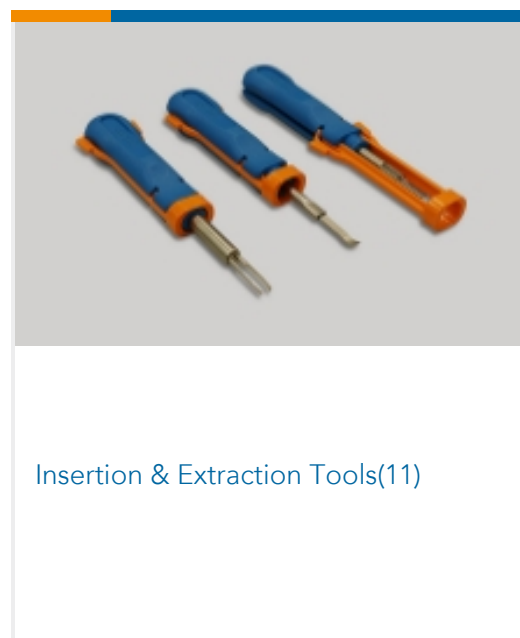
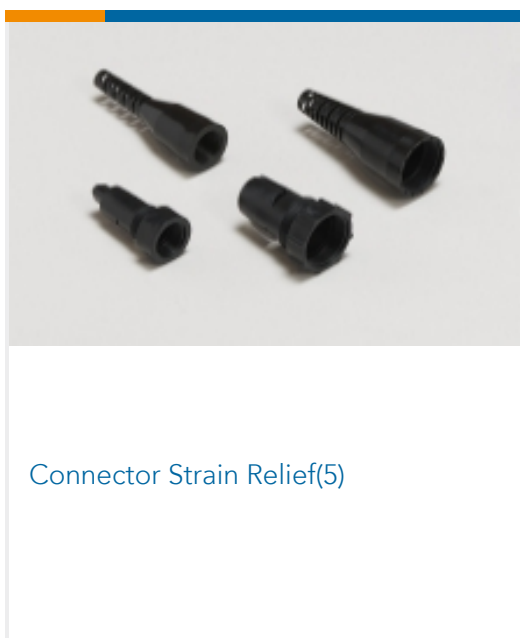
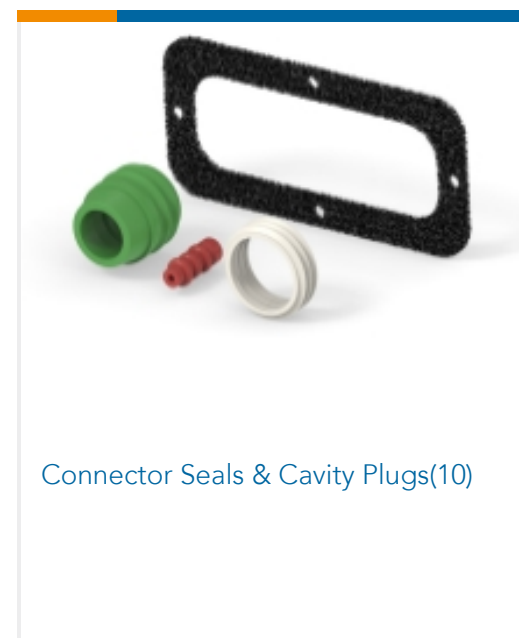
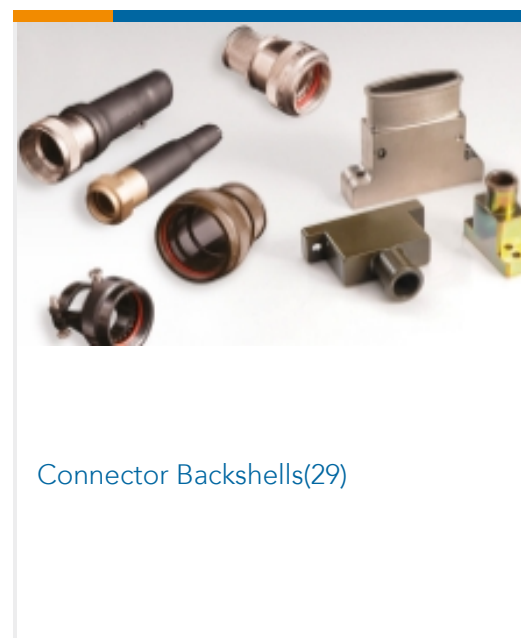
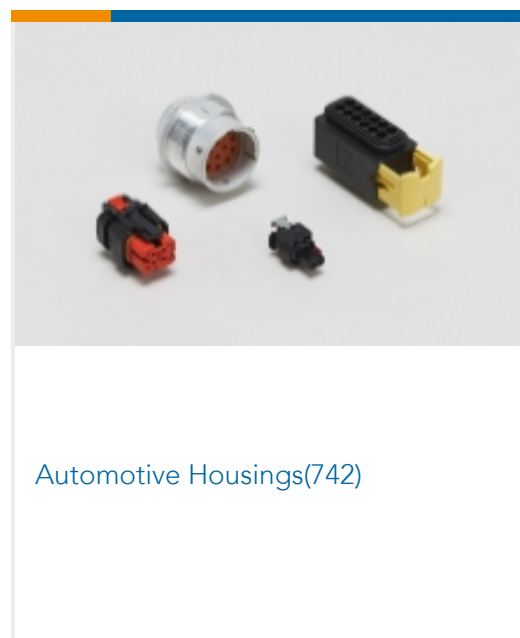
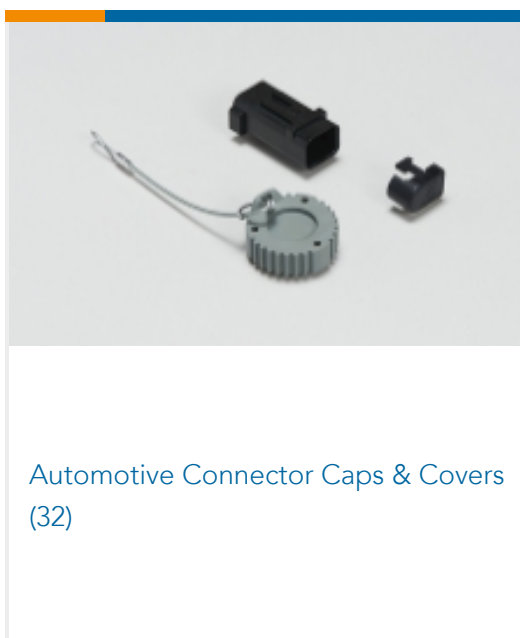
Product Compliance Disclaimer

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



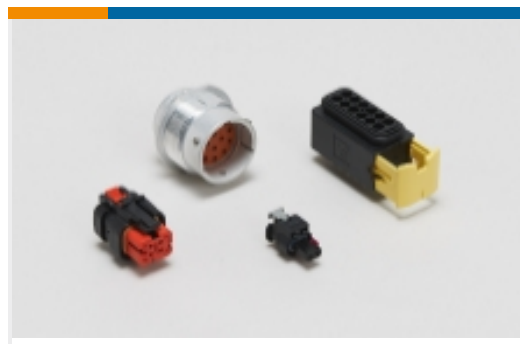
Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HD30**



Automotive Connector Caps & Covers (14)



Automotive Housings(359)



Connector Backshells(2)



Connector Seals & Cavity Plugs(11)



Connector Strain Relief(5)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #DT06-12SD-B016
DEUTSCH DT Plug Connectors



TE Part #HD34-24-91PN-072
REC, 9P, AL, N, THD ADPT DRAIN,8/12 /16,P



TE Part #YHDP24-24-21PEL024
DEUTSCH HDP20 Housings



TE Part #444309-1
HSG ASS'Y POWER/GRO



TE Part #880684-2
.140 DIA PIN



TE Part #DRC26-50BT
BOOT, 50P, 20SZ, PLG/REC, ST, BLK



TE Part #2310360-1
HDP26-24-19SE-L017



TE Part #2310364-1
1062-16-0622

Documents

[Product Drawings](#)
[BR AWY PL ASM,MC](#)

English

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_HDB36-24-91SN-059_A_c-hdb36-24-91sn-059-a.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_HDB36-24-91SN-059_A_c-hdb36-24-91sn-059-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HDB36-24-91SN-059_A_c-hdb36-24-91sn-059-a.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

CONNECTOR SELECTOR

English

Product Specifications

[Engineering Report](#)

English