HD34-24-31ST - ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD34-24-31ST Housing for Female Terminals, Wire-to-Panel, 31 Position, Sealable, Wire & Cable, Power, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD30 Housings



Connector System: Wire-to-Panel

Number of Positions: **31**

Connector & Housing Type: Housing for Female Terminals

Sealable: Yes

Mating Pin Diameter: 1.6 mm [.063 in]

All DEUTSCH HD30 Housings (358)

Features

Product Type Features

Mixed & Hybrid Connector

Connector Shape

No

Circular

Connector System	Wire-to-Panel
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing
Configuration Features	
Blank Cavity Position	0
Connector Seal Code	T Seal
Number of Positions	31
Electrical Characteristics	
Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V
Body Features	
Cable Exit Angle	180°

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Contact Features

Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.6 mm[.063 in]
Contact Current Rating (Max)	13 A
Mechanical Attachment	
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Panel Mount
Housing Features	
Housing Material	Aluminum Alloy
Dimensions	
Connector Height	41.8 mm[1.64 in]
Product Width	47.6 mm[1.87 in]
Product Length	50.8 mm[2 in]
Compatible Insulation Diameter Range	1.4 – 3.8 mm[.055 – .15 in]
Usage Conditions	
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
Degree of Protection	IP67
Packaging Features	
Packaging Quantity	1
Packaging Method	Package
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Aticle Safe Usage Statements: 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

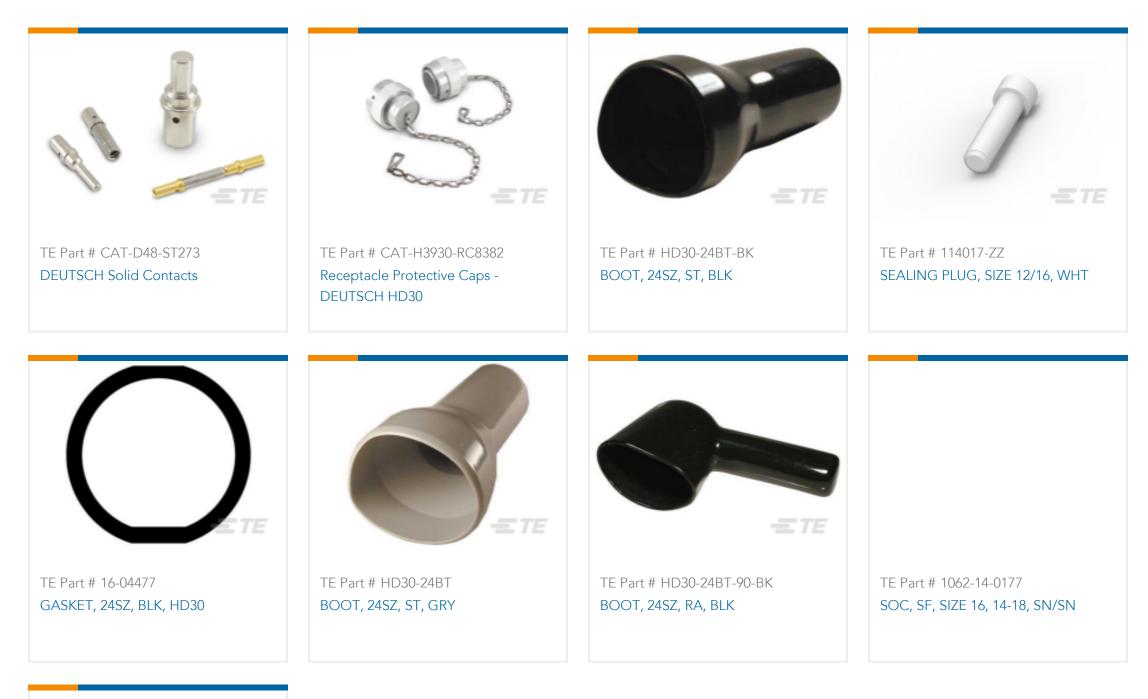
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



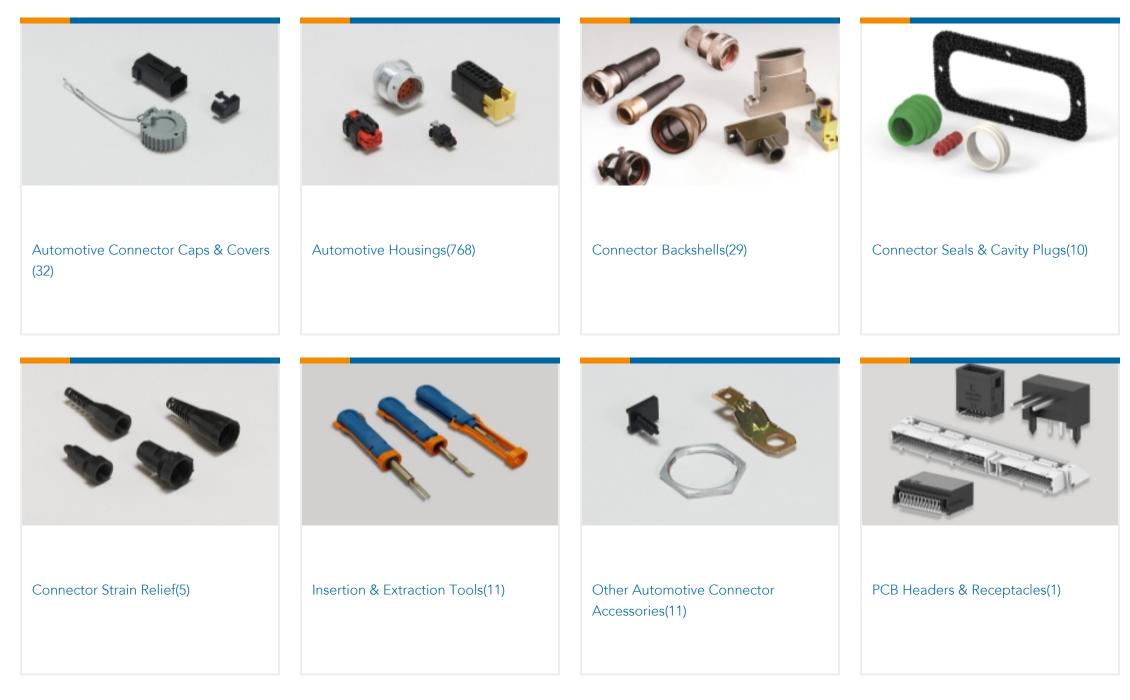
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Also in the Series | DEUTSCH HD

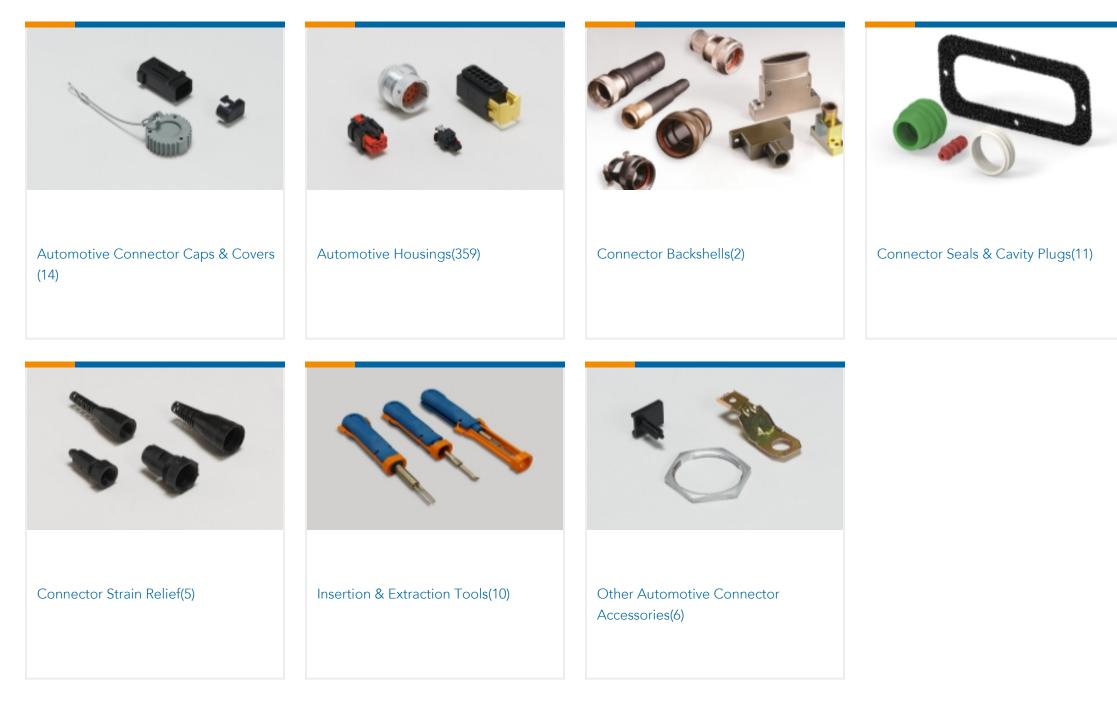


Also in the Series | DEUTSCH HD30

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Customers Also Bought



TE Part #HD34-24-19SN DEUTSCH HD30 Housings TE Part #112264-ZZ LOCKWASHER, SIZE 24, HD30 TE Part #HD44-24-31PT KT RC HD30 24 SHL 31 WY T SEAL TE Part #HD46-24-31ST KT PL HD30 24 SHL 31 WY T SEAL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HD34-24-31ST_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_HD34-24-31ST_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HD34-24-31ST_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

Housing for Female Terminals, Wire-to-Panel, 31 Position, Sealable, Wire & Cable, Power, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid



English

Product Specifications Application Specification

English