HD34-24-31PT-059 - ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD34-24-31PT-059 Housing for Male Terminals, Wire-to-Wire, 31 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount / 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: **31** Connector & Housing Type: Housing for Male Terminals Sealable: **Yes** Mating Pin Diameter: **1.59 mm [.063 in]**

All DEUTSCH HD30 Housings (358)

Features

Product Type Features

Mixed & Hybrid Connector

Connector Shape	Circular	
Connector System	Wire-to-Wire	
Connector & Housing Type	Housing for Male Terminals	
Sealable	Yes	
Connector & Contact Terminates To	Wire & Cable	
Primary Locking Feature	Contact Retainer	
Configuration Features		
Blank Cavity Position	0	
Connector Modification	Cable Clamp	
Connector Seal Code	T Seal	
Number of Positions	31	
Electrical Characteristics		
Operating Voltage	250 VAC	
Nominal Voltage Architecture	12 V, 24 V	
Body Features		

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Cable Exit Angle	180°
Contact Features	
Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A
Mechanical Attachment	
Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Not Keyed
Mating Alignment	Without
Connector Mounting Type	Cable Mount (Free-Hanging), Panel Mount
Housing Features	
Housing Material	Aluminum
Dimensions	
Connector Height	47.53 mm[1.875 in]
Product Width	50.8 mm[2 in]
Product Length	84.28 mm[3.318 in]
Compatible Insulation Diameter Range	2.23 – 2.69 mm[.088 – .106 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
Packaging Features	
Packaging Quantity	80
Packaging Method	Box
Other	
Serviceable	Yes

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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: JUNE 2023 (235) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Attle Safe Usage Statements Wash thoroughly after handling. Recycle if possible and dispose of the article by folowing 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	

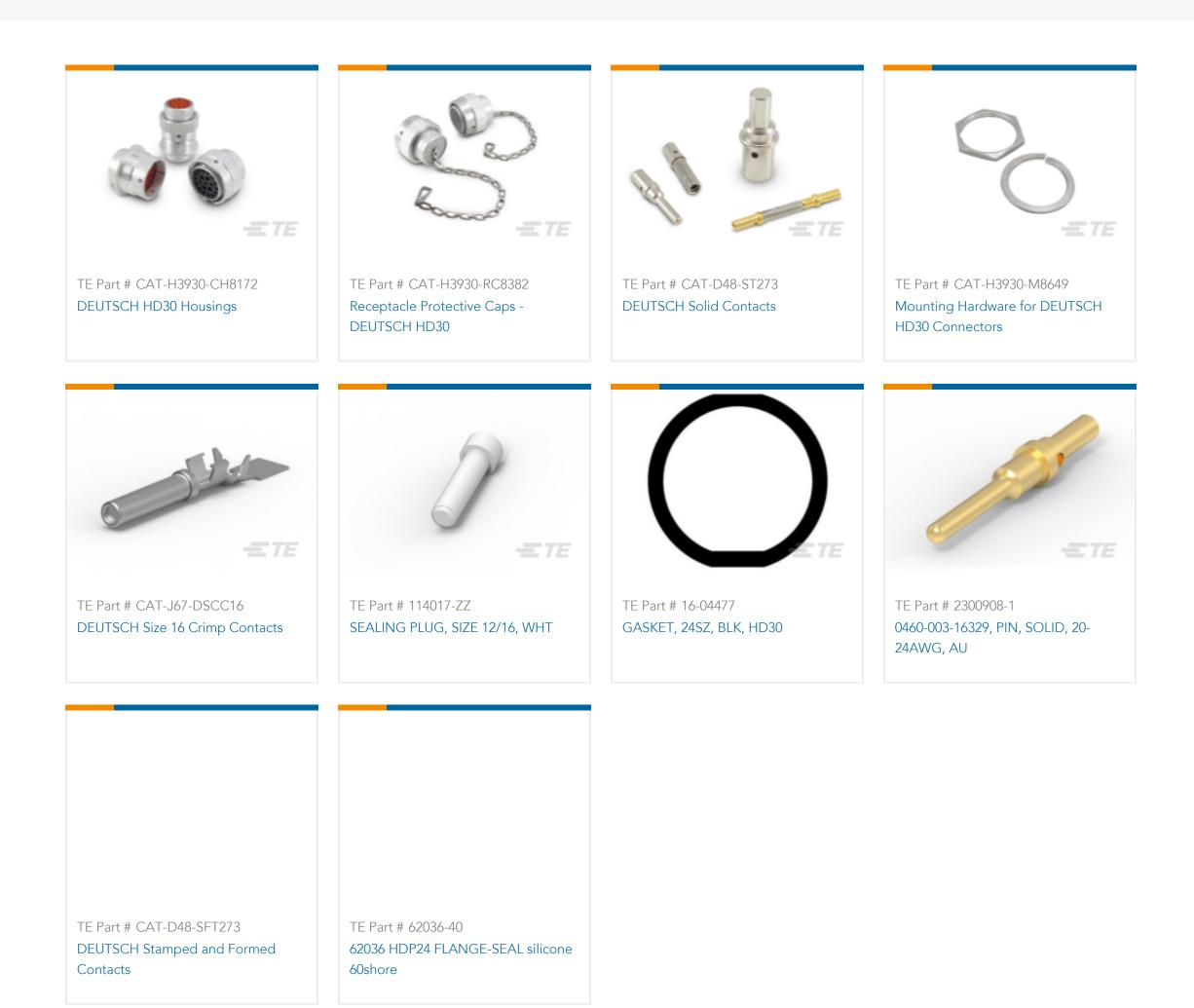
Product Compliance Disclaimer

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

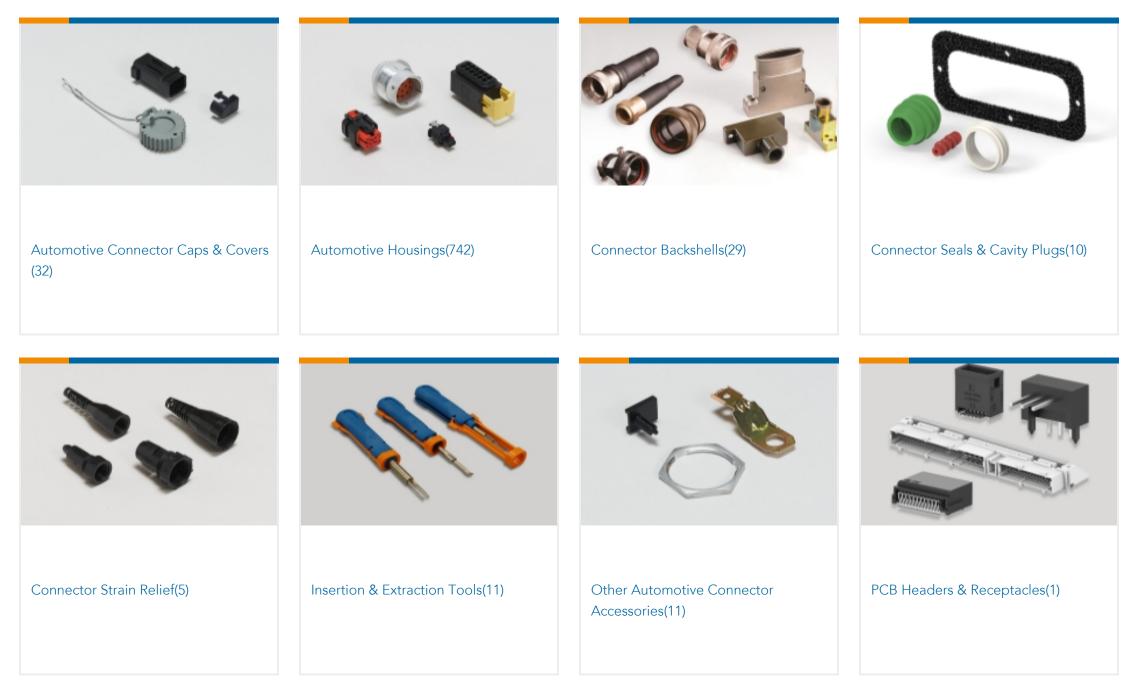
Compatible Parts

Housing for Male Terminals, Wire-to-Wire, 31 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount / Cable Mount (Free-Hanging), Hybrid





Also in the Series | DEUTSCH HD

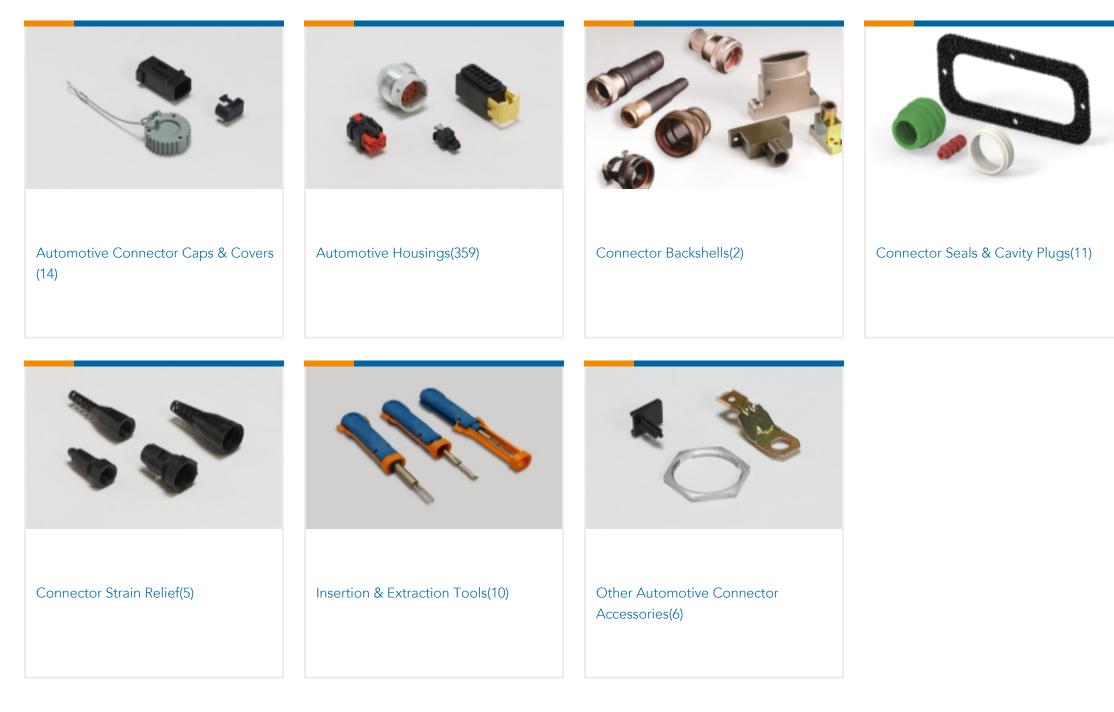


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Customers Also Bought



TE Part #9-1419128-8 OJ-SH-112LMH,000	TE Part #EEC-325X4A-E016 ENCLOSURE, 3.25 X 4, CLR, VENT	TE Part #2331369-1 DET SW4.7X3.8X2.3 GW VERT. NO AG RL	TE Part #2329383-2 PB OFF/ON FC RED M1 TERM. IP68
TE Part #2329383-4 PB OFF/ON FC GRE M1 TERM. IP68	TE Part #2329383-5 PB OFF/ON FC BLU M1 TERM. IP68	TE Part #DT06-12SD-EP06 PLG, 12P, BRN, N, SEAL RET,ENH KEY, CAP,D	TE Part #2-1419108-8 RTD14005F



Documents

Housing for Male Terminals, Wire-to-Wire, 31 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount / Cable Mount (Free-Hanging), Hybrid



Product Drawings REC,31P,AL,T, CBL CLMP BT, DRAIN,16,P,MC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HD34-24-31PT-059_99_c-hd34-24-31pt-059-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_HD34-24-31PT-059_99_c-hd34-24-31pt-059-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HD34-24-31PT-059_99_c-hd34-24-31pt-059-99.3d_stp.zip

English

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Product Specifications Application Specification

English