

HD34-24-23PE-072 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD34-24-23PE-072

Housing for Male Terminals, Wire-to-Wire, 23 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount, -55 – 125 °C [-67 – 257 °F]

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > DEUTSCH HD30 HOUSINGS



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

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

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

Number of Positions: **23**

Sealable: **Yes**

[All DEUTSCH HD30 HOUSINGS \(357\)](#)

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Contact Retainer
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Modification	Adapter
Connector Seal Code	E Seal
Number of Positions	23

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	Aluminum

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

Mounting Feature	With
Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Guide Post
Mating Alignment	With
Connector Mounting Type	Panel Mount

Dimensions

Product Width	50.8 mm[2 in]
Product Length	68.5 mm[2.697 in]
Product Height	47.53 mm[1.875 in]
Accepts Wire Insulation Diameter Range	1.35 – 3.05 mm[.053 – .12 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
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS



TE Part # CAT-H3930-RC8382
DEUTSCH HD30 RECEPTACLE PROTECTIVE CAPS



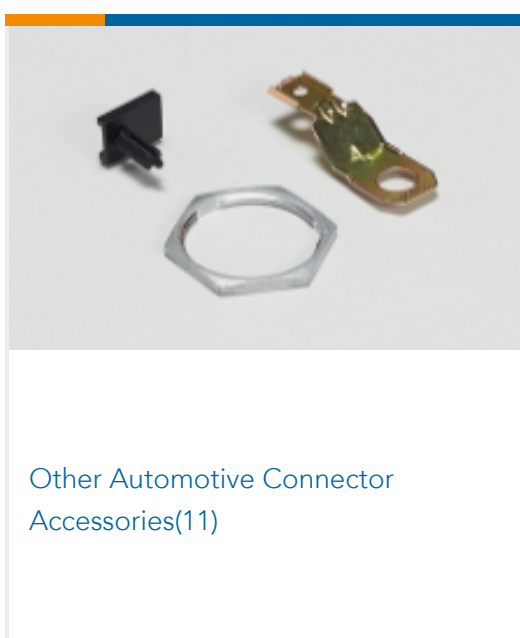
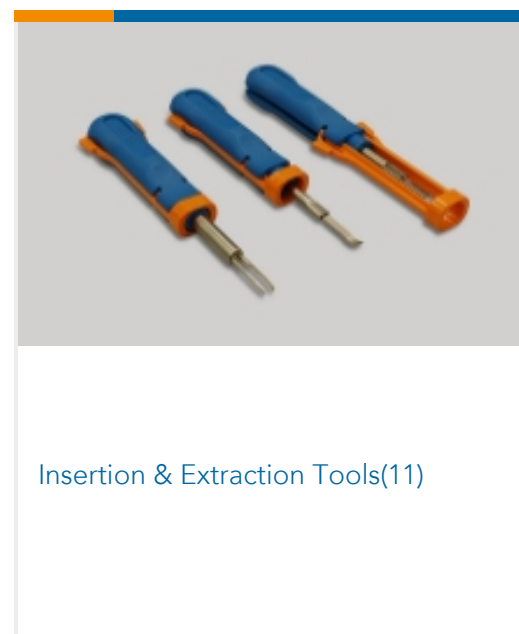
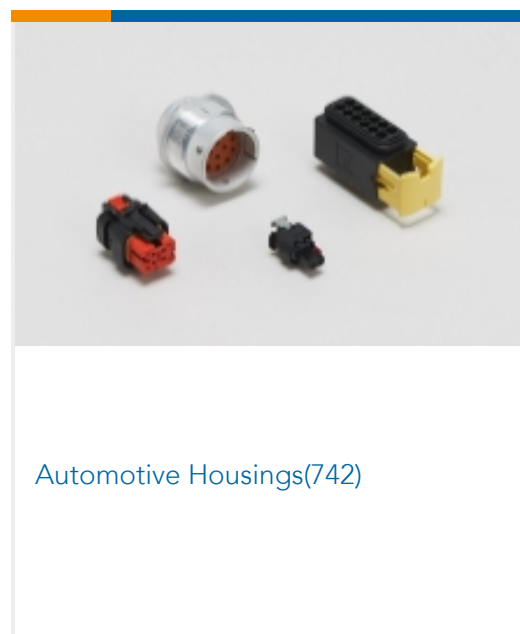
TE Part # CAT-H3930-M8649
DEUTSCH HD30 MOUNTING HARDWARE



TE Part # 0409-201-2400
CABLE CLAMP, 24SZ, AL



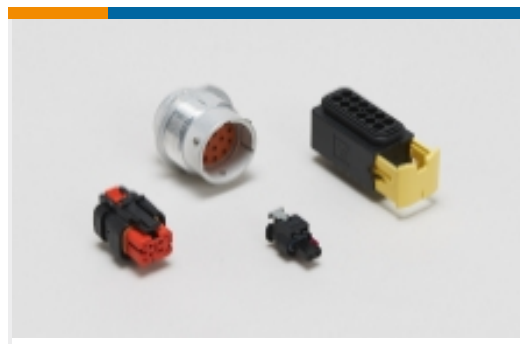
Also in the Series | **DEUTSCH HD**



Also in the Series | **DEUTSCH HD30**



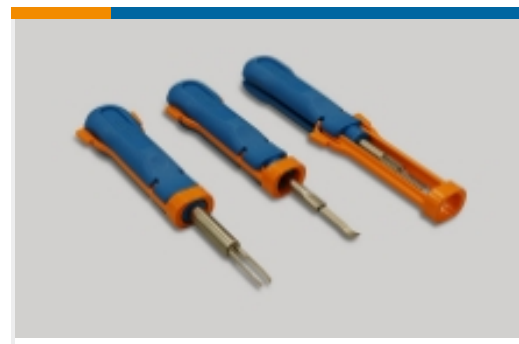
Automotive Connector Caps & Covers (18)



Automotive Housings(359)



Automotive Seals & Cavity Plugs(11)



Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #HDC14-9
DUST CAP, 9P, PLG, GRY, HD10



TE Part #1747731-1
0.64/1.0 SEALED 49POS PLUG ASSY, C KEY



TE Part #HDP24-24-33SN-L017
REC, 33P, BLK, N, RNG, 20, S



TE Part #925467-1
POS-MATE REC HSG 4P



TE Part #7-2266121-7
OCEAN_2.0_SPARE_PART_KIT-074F1100



TE Part #7G7918-12
SEAL PLUG, SIZE 12, YEL



TE Part #2822362-2
070 EJ MK-2 SENSOR PLUG ASSY 2P GREEN



TE Part #0515-018-5005
PROTECT CVR, 38/50/60P, PLG, WHT, DRC20



TE Part #2040105-1
0.50/1.0/2.8 SEALED PLUG ASSY 114POS



TE Part #6-1105151-1
HSS-C-Bu.Ag.25,0 qmm

Documents



Product Drawings

[REC, 23P, AL, E, THD ADPT DRAIN, 16, P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_HD34-24-23PE-072_C1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD34-24-23PE-072_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD34-24-23PE-072_C1.3d_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