

HD14-3-96P

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD10

TE Internal #: HD14-3-96P

Housing for Male Terminals, Wire-to-Wire, 3 Position, Sealable, Gray, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging), Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH HD10 Housings



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

Number of Positions: **3**

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

Sealable: **Yes**

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

[All DEUTSCH HD10 Housings \(53\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
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	Threaded Rear
Number of Positions	3

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray



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	Add By Accessory
Mating Alignment Type	Polarizing Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
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Dimensions

Connector Height	21.77 mm[.857 in]
Product Width	21.77 mm[.857 in]
Product Length	41.63 mm[1.639 in]
Compatible Insulation Diameter Range	2.54 – 3.81 mm[.1 – .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 & Signal
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Industry Standards

Degree of Protection	IP68, IP6K9K
UL Flammability Rating	UL 94V-1

Packaging Features

Packaging Quantity	750
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) 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-H3910-B128
DEUTSCH HD10 Backshells



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

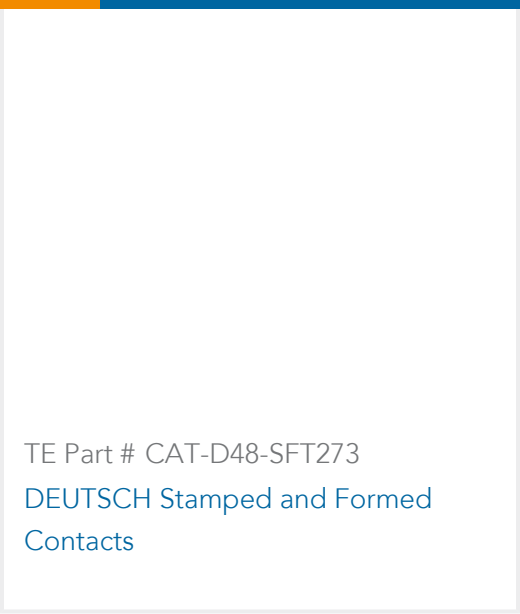


TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts

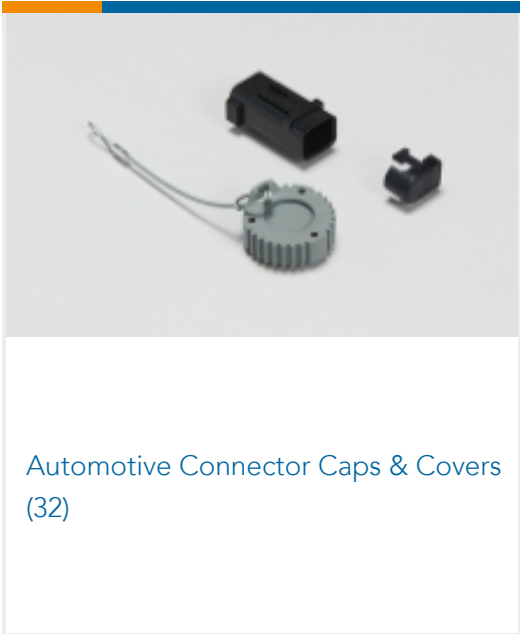
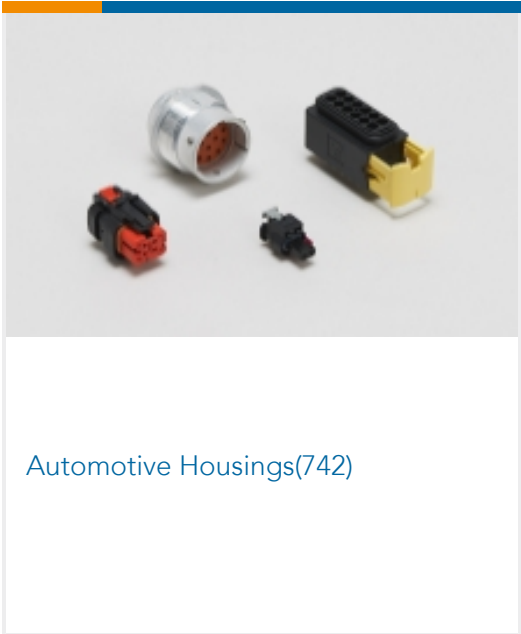
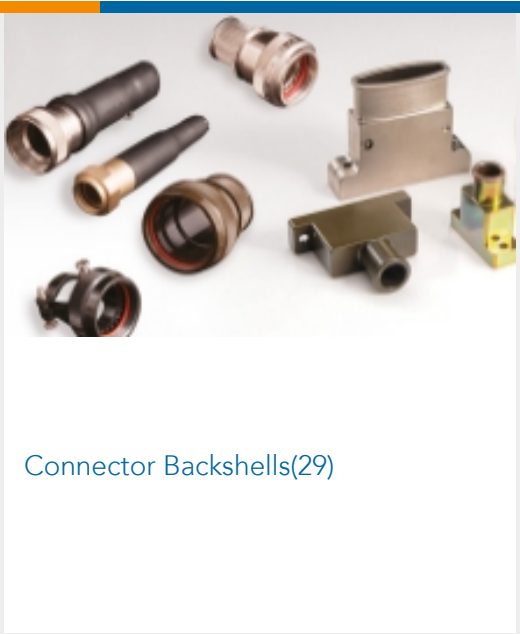
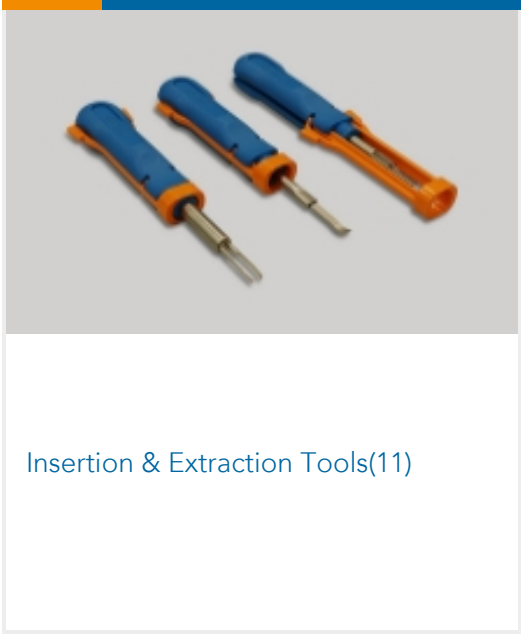
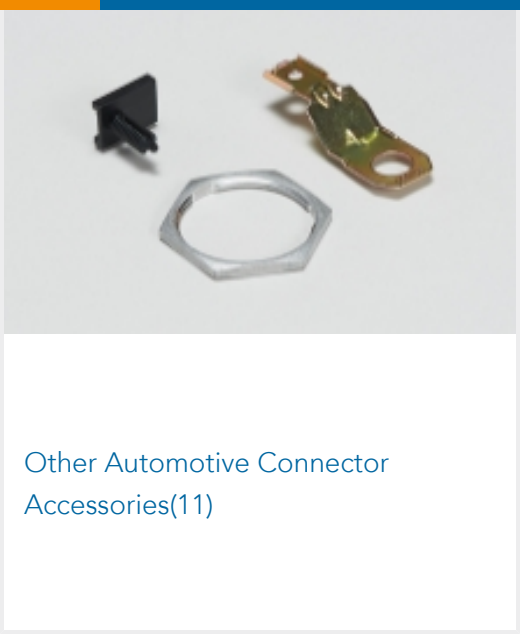


TE Part # CAT-H3910-RC1748
Receptacle Dust Caps — DEUTSCH HD10



 TE Part # CAT-J67-DSCC16 DEUTSCH Size 16 Crimp Contacts	 TE Part # CAT-H3910-CH8172 DEUTSCH HD10 Housings	 TE Part # 0411-291-1405 EXT TOOL, SIZE 16, 14-16 AWG, N, GRN	 TE Part # 0411-204-1605 EXT TOOL, SIZE 16, 16-18 AWG, N, DRK BLU
 TE Part # 2300908-1 0460-003-16329, PIN, SOLID, 20-24AWG, AU	 TE Part # HD10-3BT BOOT, 3P, PLG/REC, ST, GRY	 TE Part # CAT-D48-SFT273 DEUTSCH Stamped and Formed Contacts	

Also in the Series | DEUTSCH HD

 Automotive Connector Caps & Covers (32)	 Automotive Housings(742)	 Connector Backshells(29)	 Connector Seals & Cavity Plugs(10)
 Connector Strain Relief(5)	 Insertion & Extraction Tools(11)	 Other Automotive Connector Accessories(11)	 PCB Headers & Receptacles(1)

Also in the Series | DEUTSCH HD10



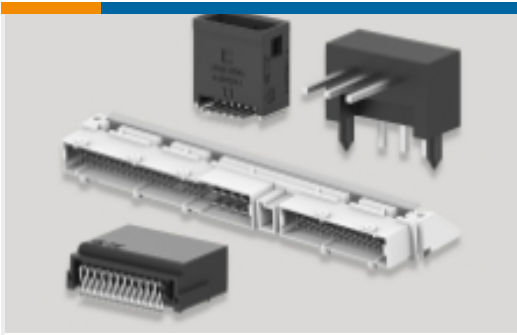
Automotive Connector Caps & Covers (17)



Automotive Housings(53)



Connector Backshells(17)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #DT04-4P-E005
REC, 4P, BLK, N, CAP



TE Part #HD34-18-14SE-072
REC, 14P, AL, E, THD ADPT, DRAIN, 16, S



TE Part #M902-2131
BKSHL, 3SZ, CBL SZ .187-.300, HD10



TE Part #HDP24-18-8PN
REC, 8P, BLK, N, 12, P



TE Part #DT06-12SA-EP08
PLG, 12P, BLK, N, SEAL RET,ENH KEY, CAP,A



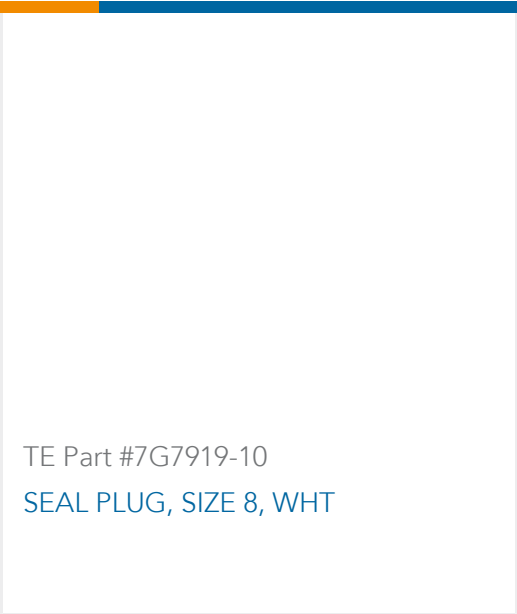
TE Part #DRC12-24PC
REC, 24P, BLK, N, FLANGE, C



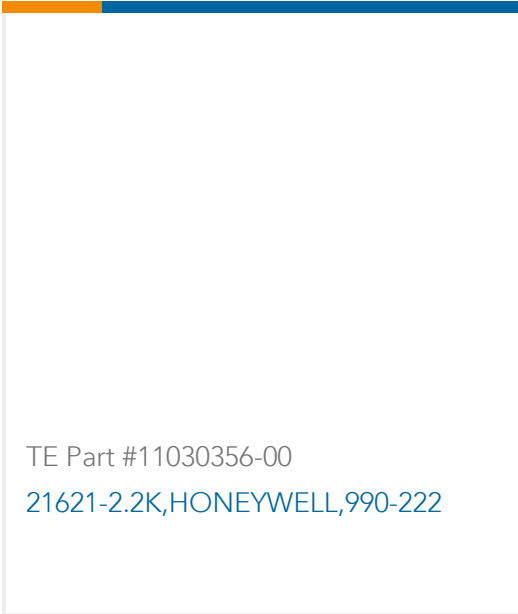
TE Part #ANT-433-MHW-RPS-S
Antenna 433MHz Dipole MHW Short RPS



TE Part #1326198-1
SEAL CAP ASSY, HEADER 70 POSN RPS



TE Part #7G7919-10
SEAL PLUG, SIZE 8, WHT



TE Part #11030356-00
21621-2.2K,HONEYWELL,990-222

Documents

Product Drawings

INL REC ASM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HD14-3-96P_99_c-hd14-3-96p-99.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_HD14-3-96P_99_c-hd14-3-96p-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD14-3-96P_99_c-hd14-3-96p-99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

CONNECTOR SELECTOR

English

Product Specifications

[Engineering Report](#)

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Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

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Agency Approvals

[UL Report](#)

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