

HD34-24-21SN-L005 ✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD34-24-21SN-L005

Housing for Female Terminals, Wire-to-Wire, 21 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount, -55 – 125 °C [-67 – 257 °F], Hybrid

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH HD30 HOUSINGS



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

Mating Pin Diameter: **1.59 mm, 2.39 mm [.063 in, .094 in]**

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

Number of Positions: **21**

Sealable: **Yes**

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

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Contact Retainer
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Seal Code	N Seal
Number of Positions	21

Electrical Characteristics



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

Cable Exit Angle	180°
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Body Material	Aluminum
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Contact Features

Contact Size	Size 12, Size 16
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Contact Type	Socket
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Mating Pin Diameter	1.59 mm, 2.39 mm [.063 in][.094 in]
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Contact Current Rating (Max)	13 A, 25 A
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Mechanical Attachment

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

Product Width	50.8 mm [2 in]
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Product Length	68.5 mm [2.697 in]
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Product Height	47.53 mm [1.875 in]
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Accepts Wire Insulation Diameter Range	2.54 – 3.4 mm, 3.4 – 4.32 mm [.1 – .134 in][.134 – .17 in]
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Usage Conditions

Operating Temperature (Max)	125 °C [257 °F]
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Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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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>](#)

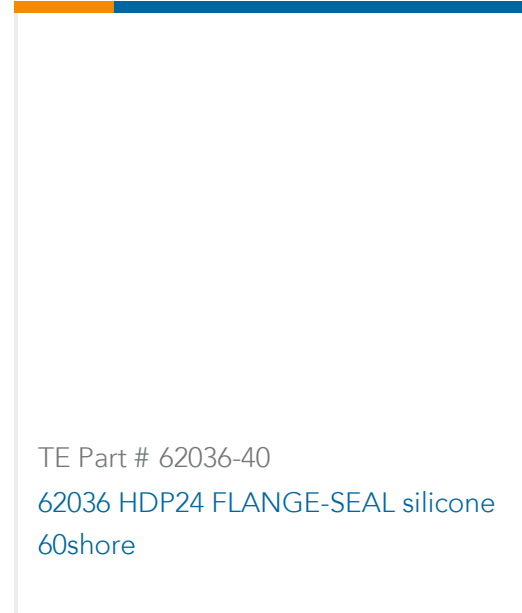
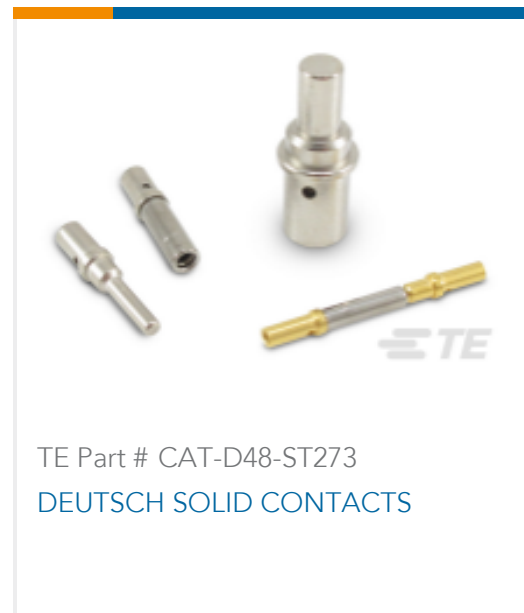
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

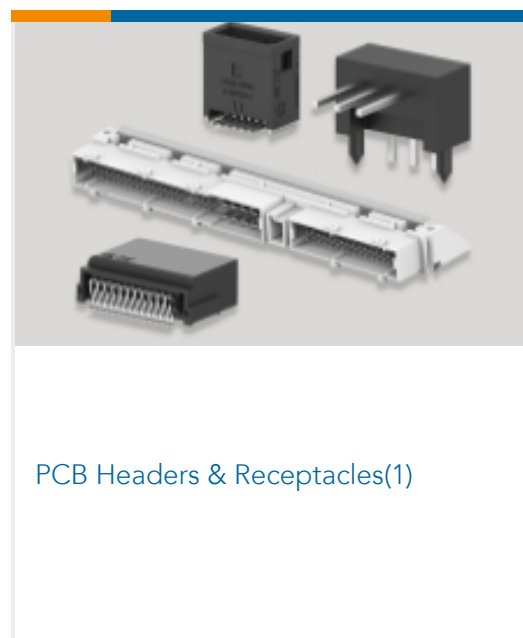
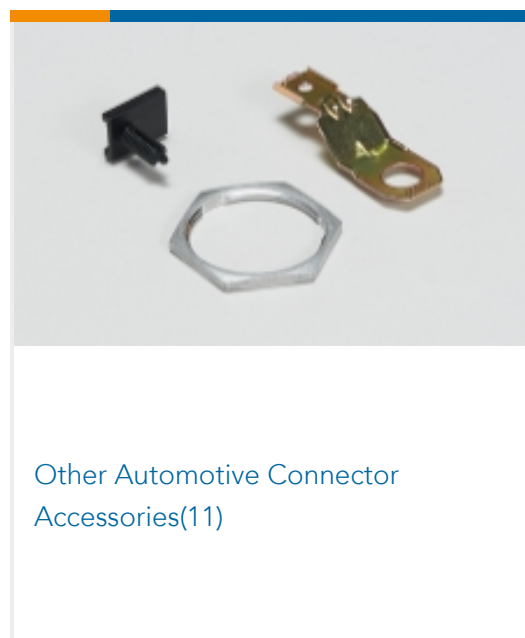
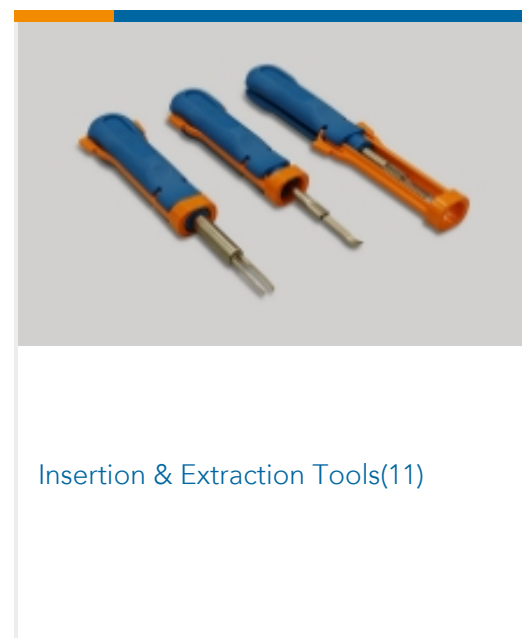
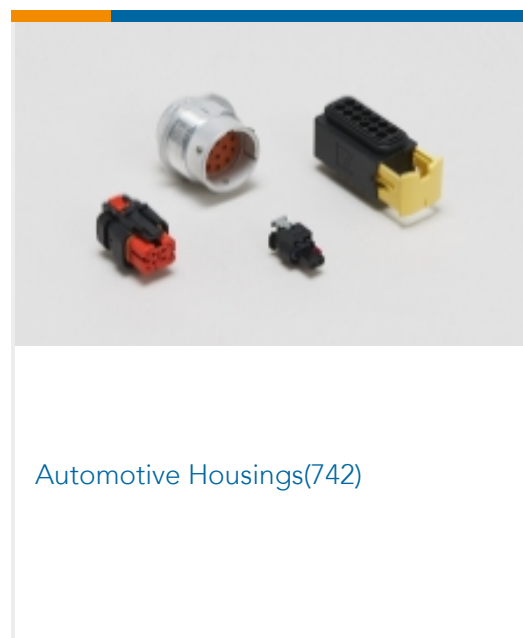
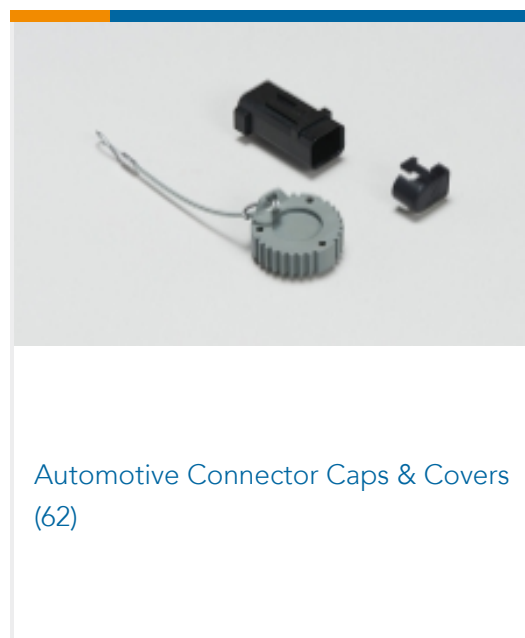
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # CAT-H3930-RC8382 DEUTSCH HD30 RECEPTACLE PROTECTIVE CAPS</p>	 <p>TE Part # CAT-H3930-M8649 DEUTSCH HD30 MOUNTING HARDWARE</p>	 <p>TE Part # CAT-H3930-B128 DEUTSCH HD30 BACKSHELLS</p>	 <p>TE Part # 0413-214-1205 SEALING PLUG, SIZE 12, KEYING, YEL</p>
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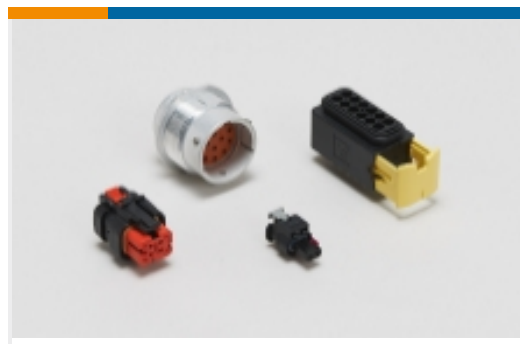
Also in the Series | **DEUTSCH HD**



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 #HDP26-24-21PE
DEUTSCH HDP20 HOUSINGS



TE Part #HD36-24-21PE-072
PLG, 21P, AL, E, THD ADPT DRAIN, 12 /16,P

Documents

Product Drawings

REC, 21P, AL, N, THDADPT,NODRAIN,12/16,S

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_HD34-24-21SN-L005_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD34-24-21SN-L005_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD34-24-21SN-L005_B.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

Product Specifications

[Application Specification](#)

English