

HD36-24-23PT

✓ ACTIVE

DEUTSCH | DEUTSCH HD, DEUTSCH HD30

TE Internal #: HD36-24-23PT

Hybrid, Housing for Male Terminals, Wire-to-Wire, 23 Position, Sealable, Wire & Cable, 13A Contact Current Rating (Max), Power & Signal

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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 \(327\)](#)

Features

Product Type Features

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
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

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Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized

Dimensions

Product Width	49.32 mm[1.942 in]
Product Length	38.61 mm[1.52 in]
Product Height	49.32 mm[1.942 in]
Accepts Wire Insulation Diameter Range	2.23 – 3.4 mm[.088 – .134 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	200
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: JAN 2021
(211)
Candidate List Declared Against: JAN 2021
(211)
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-D48-ST273
DEUTSCH SOLID CONTACTS



TE Part # CAT-H3930-PC8382
DEUTSCH HD30 PLUG PROTECTIVE CAPS



TE Part # CAT-D48-SFT273
DEUTSCH STAMPED & FORMED CONTACTS



TE Part # CAT-D48-SP729
DEUTSCH SEALING PLUGS



TE Part # CAT-H3930-CH8172
DEUTSCH HD30 HOUSINGS



TE Part # HD30-24BT-BK
BOOT, 24SZ, ST, BLK



TE Part # HD30-24BT
BOOT, 24SZ, ST, GRY



TE Part # HD30-24BT-90-BK
BOOT, 24SZ, RA, BLK



TE Part # CAT-H3930-B128
DEUTSCH HD30 BACKSHELLS

TE Part # MT-90BT-HT-24
BOOT, 24SZ, RA, HI TEMP, YEL

TE Part # MT-90BT-HT-24BK
BOOT, 24SZ, RA, HI TEMP, BLK

Also in the Series | DEUTSCH HD

Automotive Connector Caps & Covers
(47)

Automotive Housings(670)

Automotive Seals & Cavity Plugs(10)

Insertion & Extraction Tools(11)

Other Automotive Connector
Accessories(11)

Also in the Series | DEUTSCH HD30

Automotive Connector Caps & Covers
(15)

Automotive Housings(329)

Automotive Seals & Cavity Plugs(10)

Insertion & Extraction Tools(10)



Other Automotive Connector Accessories(6)

Customers Also Bought



TE Part #0460-247-1631
DEUTSCH SOLID CONTACTS



TE Part #2-33458-3
TERMINAL,SOLIS R 12-10 1/4



TE Part #2-34567-1
TERMINAL,SOLIS R 16-14HD 10



TE Part #1604050-5
350A HOUSING SUB-ASSY,BLUE



TE Part #2-34945-2
PG BUTT 12-10



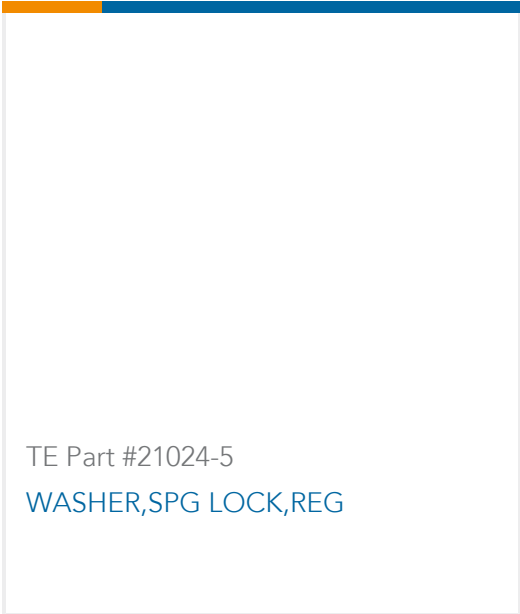
TE Part #YDTS24F13-04SNV001
D38999: Jam Nut, 13-04 Insert



TE Part #130599P006
ES2000-NO.4-B7-0-STK



TE Part #1838258-1
M12 FEMALE CONN. , R/A, PVC CABLE



TE Part #21024-5
WASHER,SPG LOCK,REG



TE Part #0830956003
RBK-85-NR5100/A-X-12MM

Documents

Product Drawings

PLG, 23P, AL, T, 16, P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HD36-24-23PT_D1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_HD36-24-23PT_D1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_HD36-24-23PT_D1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

English