

DRC14-40PA

✓ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC14-40PA

40 Position Housing, Housing for Male Terminals, Wire-to-Wire, 5.49 mm [.216 in] Centerline, Sealable, Black, Wire & Cable, Power, DEUTSCH DRC

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DRC Housings



Number of Positions: 40

Connector & Housing Type: Housing for Male Terminals

Mating Pin Diameter: 1.59 mm [.063 in]

Connector System: Wire-to-Wire

Centerline (Pitch): 5.49 mm [.216 in]

[All DEUTSCH DRC Housings \(117\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	40
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black



Connector & Keying Code	A
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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

Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PPS GF
Centerline (Pitch)	5.49 mm[.216 in]

Dimensions

Row-to-Row Spacing	5.49 mm[.216 in]
Product Width	73.86 mm[2.908 in]
Product Length	43.15 mm[1.699 in]
Connector Height	30.53 mm[1.202 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	20mm Flame Test per Standard UL-94

Packaging Features

Packaging Quantity	125
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

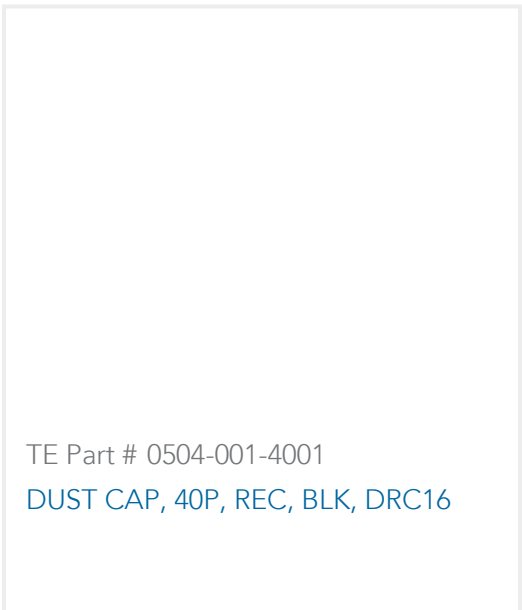
Product Compliance Disclaimer

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-SFT273
DEUTSCH Stamped and Formed
Contacts



TE Part # 0504-001-4001
DUST CAP, 40P, REC, BLK, DRC16



TE Part # 2300908-1
0460-003-16329, PIN, SOLID, 20-
24AWG, AU



TE Part # 0411-204-1605
EXT TOOL, SIZE 16, 16-18 AWG, N,
DRK BLU

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TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings



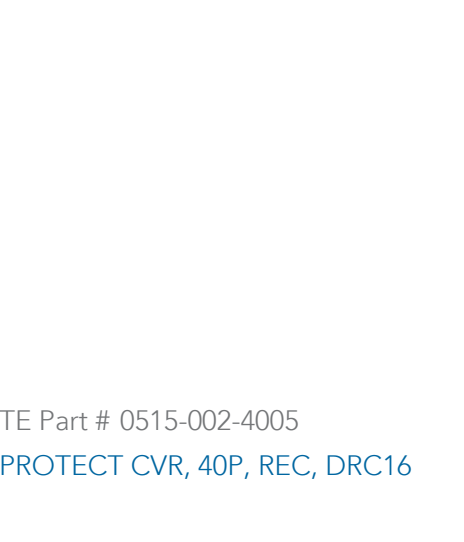
TE Part # DRC40-BT-90DEG
BOOT, 40P, 16SZ, PLG/REC, RA, BLK



TE Part # CAT-J67-DSCC16
DEUTSCH Size 16 Crimp Contacts



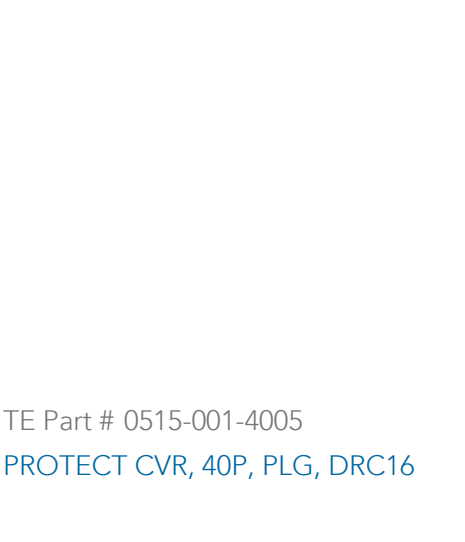
TE Part # 0411-291-1405
EXT TOOL, SIZE 16, 14-16 AWG, N, GRN



TE Part # 0515-002-4005
PROTECT CVR, 40P, REC, DRC16



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts




TE Part # 0515-001-4005
PROTECT CVR, 40P, PLG, DRC16



TE Part # DRC40-BT
BOOT, 40P, 16SZ, PLG/REC, ST, BLK

Also in the Series | **DEUTSCH DRC**



Automotive Housings(117)



Connector Strain Relief(3)



PCB Headers & Receptacles(44)



Rectangular Power Connectors(44)

Customers Also Bought



TE Part #CAT-H396-CH8172
DEUTSCH HDP20 Housings



TE Part #HD34-24-9PN
REC, 9P, AL, N, 4/8/12, P



TE Part #CAT-D799-CH8172
DEUTSCH DRC Housings



Documents

Product Drawings

REC, 40P, BLK, N, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC14-40PA_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC14-40PA_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC14-40PA_D.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

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Product Specifications

Engineering Report

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Agency Approvals

UL Report

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