

DRC13-70PA-B027

✓ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC13-70PA-B027

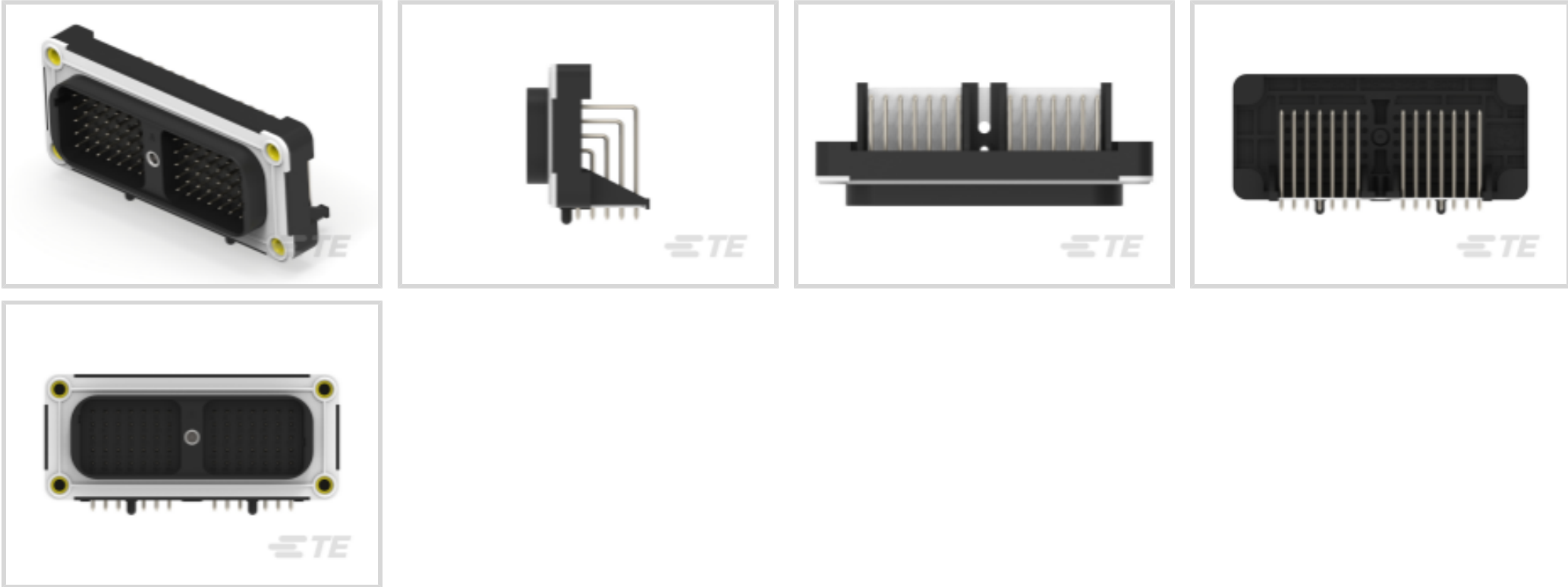
Right Angle, Wire-to-Board, 70 Position, 5 Row, 5.45mm [.216in]

Centerline, Nickel (Ni), Sealable, Wire & Cable, DEUTSCH DRC

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Automotive Parts > Automotive Connectors > Automotive Headers > DEUTSCH DRC Headers



PCB Mount Orientation: **Right Angle**

Contact Current Rating (Max): **13 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

Centerline (Pitch): **5.45 mm [.216 in]**

[All DEUTSCH DRC Headers \(44\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Mixed & Hybrid Header	No
Sealable	Yes
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	70
Number of Sections	2
PCB Mount Orientation	Right Angle
Number of Positions	70
Number of Rows	5

Electrical Characteristics

Operating Voltage	250 VDC
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Voltage Rating (Max)	250 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Connector & Keying Code	A
Primary Product Color	Black

Contact Features

Mating Pin Diameter	1.59 mm[.063 in]
Contact Type	Pin
Contact Current Rating (Max)	13 A
Contact Mating Area Plating Material	Nickel (Ni)

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	With
Mating Retention Type	Locking Interface
PCB Mount Retention	With
Mounting Holes	With
PCB Mount Retention Type	Mounting Screw
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5.45 mm[.216 in]
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Dimensions

Connector Width	127 mm[5 in]
PCB Thickness (Recommended)	.78 – 2.36 mm[.031 – .093 in]
Profile Height from PCB	54 mm[2.126 in]
Connector Length	46.3 mm[1.822 in]

Usage Conditions

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

Operation/Application



Shielded	No
Circuit Application	Power & Signal

Industry Standards

IP Rating	Not Tested
UL Flammability Rating	Not Tested

Packaging Features

Packaging Quantity	24
Packaging Method	Box

Other

Interface Number	DRC14-70PX
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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-D799-CH8172
DEUTSCH DRC Housings

TE Part # 0515-007-7005
PROTECT CVR, 70P, REC, DRC16

Also in the Series | DEUTSCH DRC

Automotive Connector Locks & Position Assurance(5)

Automotive Housings(125)

Connector Seals & Cavity Plugs(3)

Other Automotive Connector Accessories(2)

Customers Also Bought

TE Part #1318574-4
2.5 BATTERY REC ASSY 7P

TE Part #1415899-5
RZ01-1A4-D024

TE Part #4-2176331-8
CRGP 2512 82K 1%

TE Part #5-2176375-1
RQ 0805 3K83 0.1% 10PPM 1K RL

TE Part #CAT-M4599-H342
AMP MCP Unsealed Headers

TE Part #3-5177986-2
0.8FH,P08H.5,060,08/Sn,TR,SC

TE Part #5-5179180-2
0.8FH,R09H.5,060,08/Sn,TR,SC

TE Part #1932638-6
Std USB Type A, R/A, SMT, Offset

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Right Angle, Wire-to-Board, 70 Position, 5 Row, 5.45mm [.216in] Centerline, Nickel (Ni), Sealable, Wire & Cable, DEUTSCH DRC



Documents

Product Drawings

HDR, 70P, BLK, RA, M5, FLG, NI/CU, A

English

CAD Files

Customer View Model

ENG_CVM_CVM_DRC13-70PA-B027_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC13-70PA-B027_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC13-70PA-B027_B.3d_stp.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

Product Specifications

Engineering Report

English