

#### DEUTSCH | DEUTSCH DRC

TE Internal #: DRC14-70PB

70 Position Housing, Housing for Male Terminals, Wire-to-Wire,

5.49 mm [.216 in] Centerline, Sealable, Black, Wire & Cable, Power

View on TE.com >

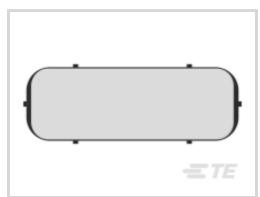


Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DRC Housings











Number of Positions: 70

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	70
Number of Rows	5
Electrical Characteristics	

250 VDC

Operating Voltage



Nominal Voltage Architecture	250 V
Body Features	
Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	В
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	103.99 mm[4.094 in]
Product Length	44.63 mm[1.757 in]
Connector Height	36.09 mm[1.421 in]
Usage Conditions	
Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Power
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	50
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

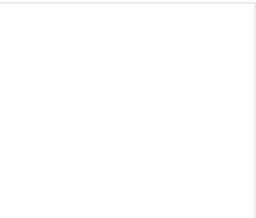
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-ST273
DEUTSCH Solid Contacts



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



TE Part # CAT-D48-SFT273

DEUTSCH Stamped and Formed

Contacts



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

















Automotive Headers(44)



Automotive Housings(117)



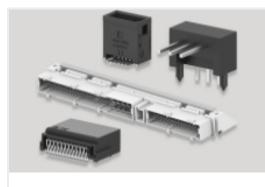
Connector Backshells(6)



Connector Strain Relief(3)



Insertion & Extraction Tools(7)



PCB Headers & Receptacles(44)



Wire-to-Board Headers & Receptacles (44)

# Customers Also Bought

















#### **Documents**

#### **Product Drawings**

REC, 70P, BLK, N, B

English

#### **CAD Files**

3D PDF

3D

#### **Customer View Model**

ENG\_CVM\_CVM\_DRC14-70PB\_C\_c-drc14-70pb-c.2d\_dxf.zip

English

#### **Customer View Model**

ENG\_CVM\_CVM\_DRC14-70PB\_C\_c-drc14-70pb-c.3d\_igs.zip

English

# **Customer View Model**

ENG\_CVM\_CVM\_DRC14-70PB\_C\_c-drc14-70pb-c.3d\_stp.zip

English

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**

**Application Specification** 

English

#### **Agency Approvals**

**UL Report** 

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English