

Connectors &gt; Automotive Connectors &gt; Automotive Housings &gt; DEUTSCH DRC Housings

Connector System: **Wire-to-Wire**Number of Positions: **70**Connector & Housing Type: **Housing for Male Terminals**Centerline (Pitch): **5.49 mm [.216 in]**Sealable: **Yes**[All DEUTSCH DRC Housings \(117\)](#)

## Features

### Product Type Features

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

### Configuration Features

Blank Cavity Position	0
Number of Positions	70
Number of Rows	5

### Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

### Body Features

Cable Exit Angle	180°
Primary Product Color	Black

## Connector &amp; Keying Code

A

## 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

Terminal Position Assurance	No
Strain Relief	Add By Accessory
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

Connector Height	36.09 mm[1.421 in]
Product Width	103.99 mm[4.094 in]
Product Length	44.63 mm[1.757 in]
Row-to-Row Spacing	5.49 mm [.216 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

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

## Packaging Features

Packaging Quantity	50
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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](https://www.te.com/compliance)>

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 &lt; 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 HousingsTE Part # CAT-D48-ST273  
DEUTSCH Solid ContactsTE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp ContactsTE Part # CAT-D48-SP729  
DEUTSCH Sealing Plugs

Housing for Male Terminals, Wire-to-Wire, 70 Position, 5.49 mm [.216 in] Centerline, Sealable, Black, Wire & Cable, Power, DEUTSCH DRC



TE Part # DRC70-BT  
BOOT, 70P, 16SZ, PLG/REC, ST, BLK



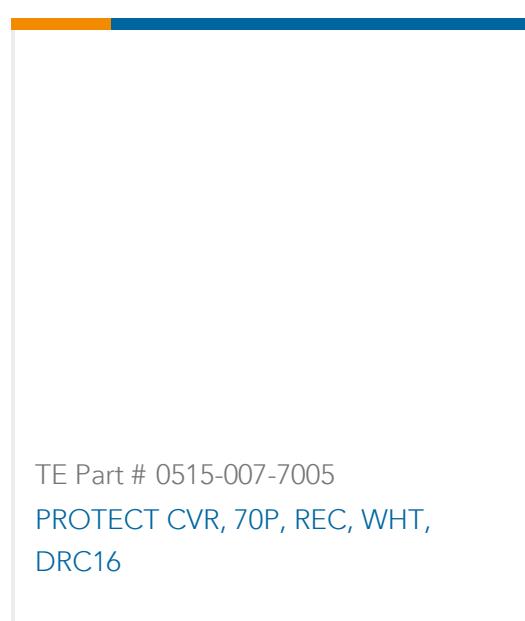
TE Part # 2300908-1  
0460-003-16329, PIN, SOLID, 20-24AWG, AU



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



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

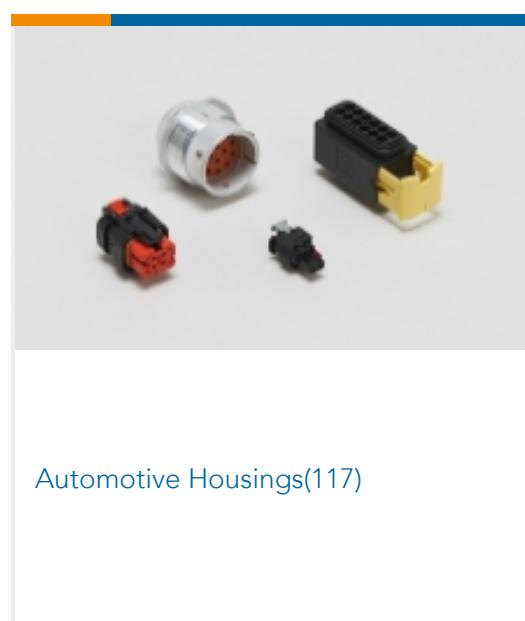


TE Part # 0515-007-7005  
PROTECT CVR, 70P, REC, WHT, DRC16

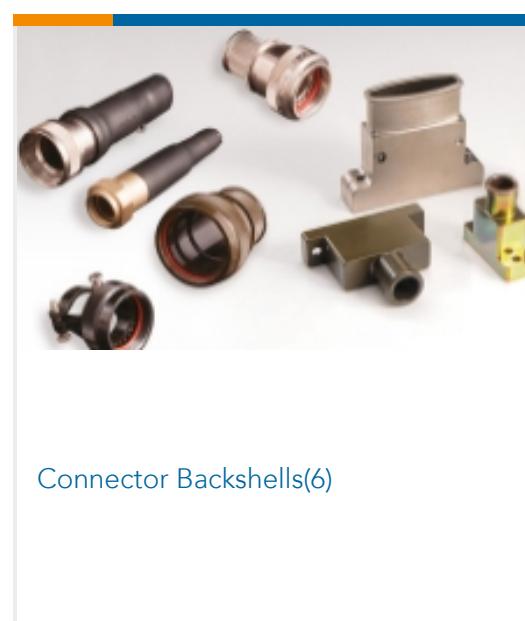


TE Part # CAT-D48-SFT273  
DEUTSCH Stamped and Formed Contacts

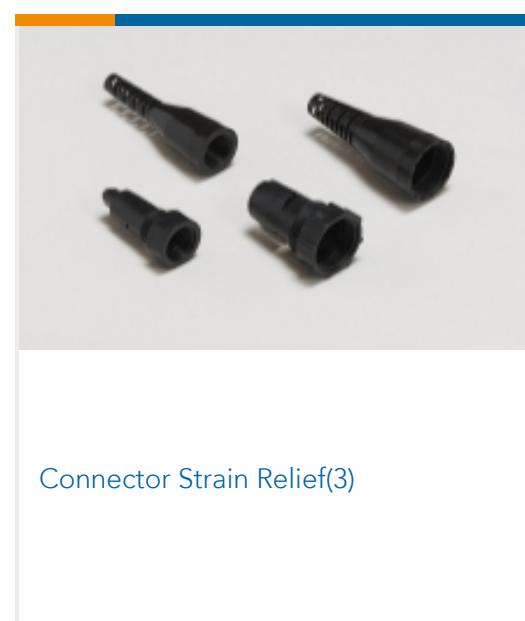
## Also in the Series | DEUTSCH DRC



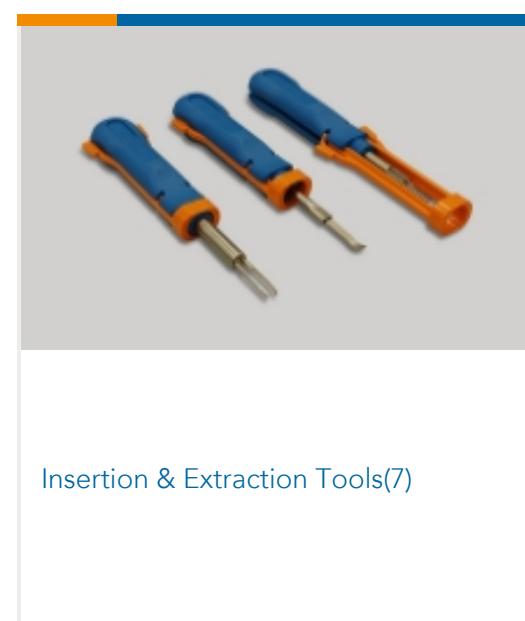
Automotive Housings(117)



Connector Backshells(6)



Connector Strain Relief(3)



Insertion & Extraction Tools(7)



PCB Headers & Receptacles(44)

## Customers Also Bought



TE Part #HDP26-18-8SN  
DEUTSCH HDP20 Housings



TE Part #DRC16-40S-P013  
DEUTSCH DRC Housings



TE Part #DRC70-GKT  
GASKET, 70P, BLK, DRC16



TE Part #DRC70-BT  
BOOT, 70P, 16SZ, PLG/REC, ST, BLK



## Documents

### Product Drawings

[REC, 70P, BLK, N, A](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DRC14-70PA\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DRC14-70PA\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DRC14-70PA\\_D.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

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### Product Specifications

[Engineering Report](#)

English

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### Agency Approvals

[UL Report](#)

English