

# DRC12-70PA ✓ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC12-70PA

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

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Connectors > Automotive Connectors > Connector Housings > DEUTSCH DRC HOUSINGS



Connector & Housing Type: **Housing for Male Terminals**

Mating Pin Diameter: **1.59 mm [ .0625 in ]**

Connector System: **Wire-to-Wire**

Number of Positions: **70**

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

[All DEUTSCH DRC HOUSINGS \(84\)](#)

## Features

### Product Type Features

Row-to-Row Spacing	5.49 mm[.216 in]
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
Strain Relief	Add By Accessory

### Configuration Features

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

### Electrical Characteristics

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

### Body Features

Cable Exit Angle	180°
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Body Material	PPS GF
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Primary Product Color	Black
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Connector Code	A
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#### Contact Features

Mating Pin Diameter	1.59 mm[.0625 in]
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Contact Current Rating (Max)	13 A
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#### Mechanical Attachment

Terminal Position Assurance	No
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Mounting Feature	With
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Connector Mounting Type	Bulkhead, Panel Mount
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Polarized	Polarized
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#### Housing Features

Centerline (Pitch)	5.49 mm[.216 in]
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#### Dimensions

Height	58.93 mm[2.32 in]
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Length	44.63 mm[1.757 in]
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Width	126.82 mm[4.993 in]
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#### Usage Conditions

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

Circuit Application	Power & Signal
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#### Industry Standards

Degree of Protection	IP68, IP6K9K
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Agency/Standard	SAE J2030
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UL Flammability Rating	20mm Flame Test per Standard UL-94
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#### Packaging Features

Packaging Method	Box
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Packaging Quantity	21
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#### Other

Serviceable	Yes
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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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Model / Part # CAT-D799-CH8172  
DEUTSCH DRC HOUSINGS



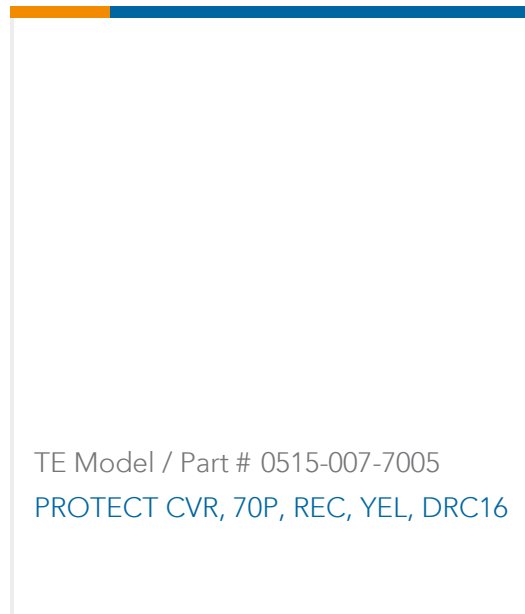
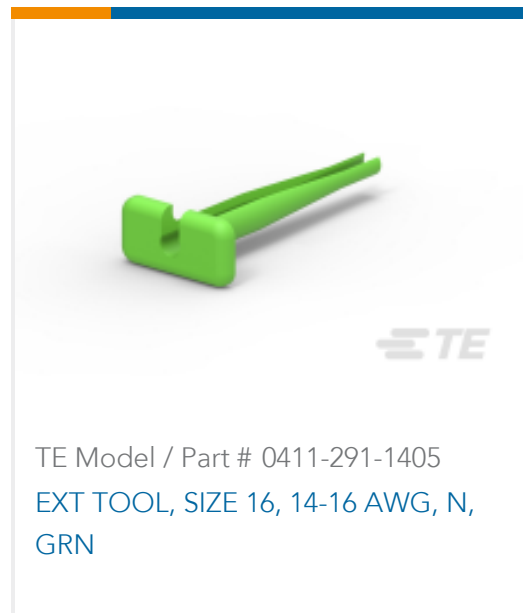
TE Model / Part # CAT-D48-ST273  
DEUTSCH SOLID CONTACTS



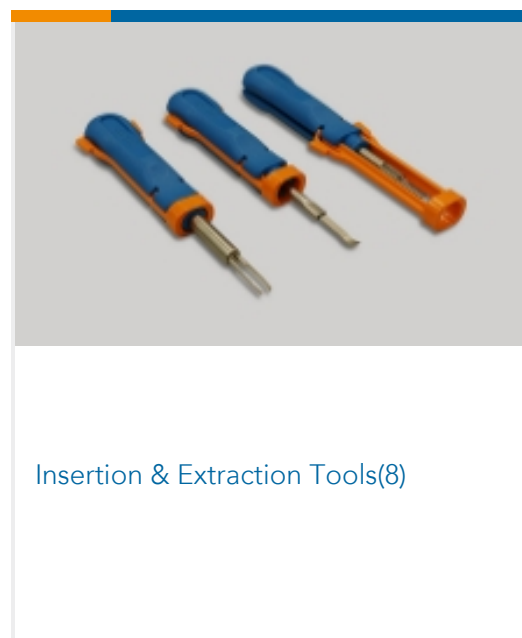
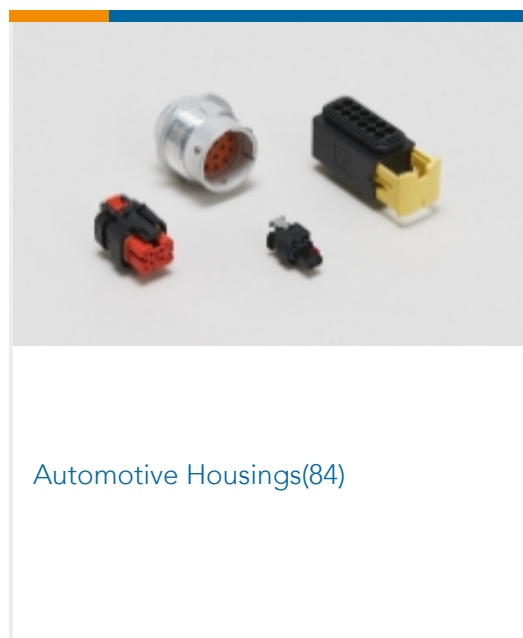
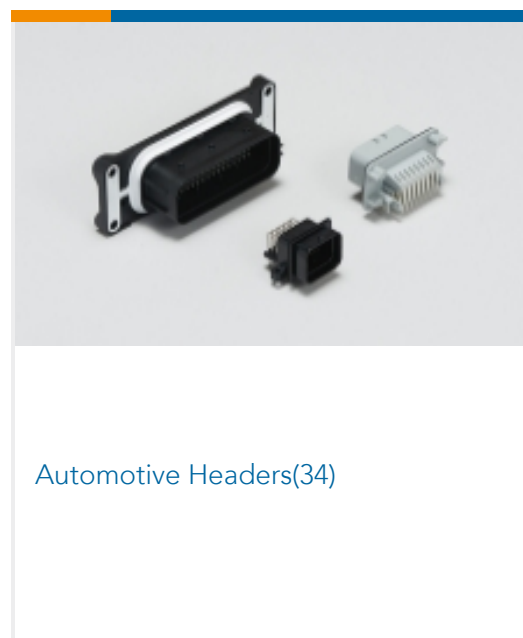
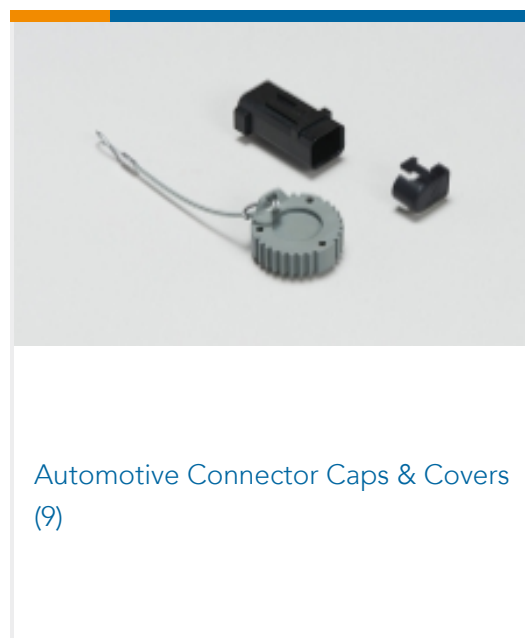
TE Model / Part # CAT-D48-SP729  
DEUTSCH SEALING PLUGS



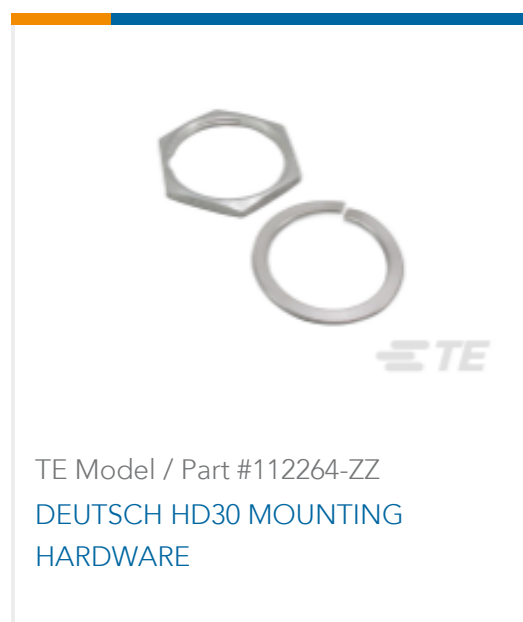
TE Model / Part # CAT-D48-SFT273  
DEUTSCH STAMPED & FORMED CONTACTS



Also in the Series | **DEUTSCH DRC**



Customers Also Bought





## Documents

### Product Drawings

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

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DRC12-70PA\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DRC12-70PA\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DRC12-70PA\\_D.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

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