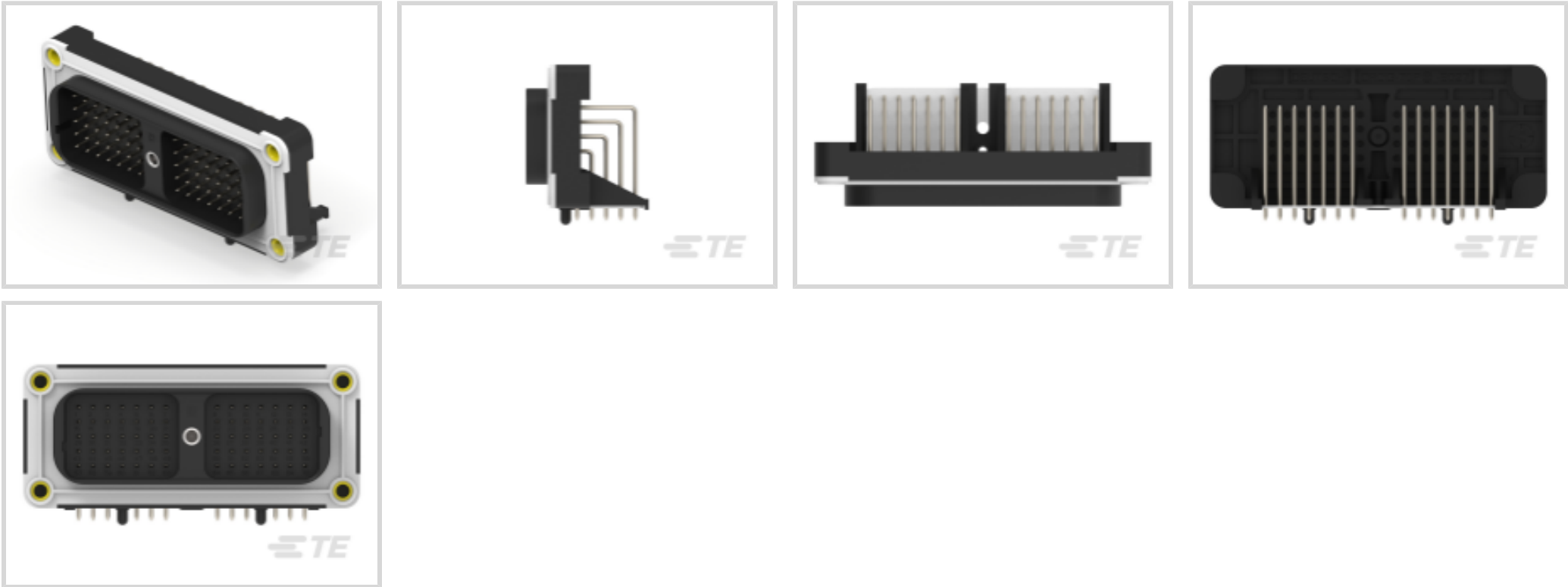




Automotive Parts > Automotive Connectors > Automotive Headers > DEUTSCH DRC Headers



PCB Mount Orientation: **Right Angle**  
Contact Current Rating (Max): **13 A**  
Termination Method to PCB: **Through Hole - Solder**  
Sealable: **Yes**  
Centerline (Pitch): **5.5 mm [ .216 in ]**

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

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector Product Type            | Connector Assembly    |
| Mixed & Hybrid Header             | No                    |
| Header Type                       | Fully Shrouded        |
| Sealable                          | Yes                   |
| Connector System                  | Wire-to-Board         |
| Connector & Contact Terminates To | Printed Circuit Board |

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

Body Features

|                         |       |
|-------------------------|-------|
| Connector & Keying Code | D     |
| Primary Product Color   | Black |

Contact Features

|                                      |                  |
|--------------------------------------|------------------|
| Mating Pin Diameter                  | 1.56 mm[.061 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 |
|---------------------------|-----------------------|

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) | 5.5 mm[.216 in] |
|--------------------|-----------------|

Dimensions

|                             |                               |
|-----------------------------|-------------------------------|
| Connector Width             | 46.3 mm[1.82 in]              |
| PCB Thickness (Recommended) | .78 – 2.36 mm[.031 – .093 in] |
| Profile Height from PCB     | 54 mm[2.12 in]                |
| Connector Length            | 127 mm[5 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 |

Industry Standards

|           |        |
|-----------|--------|
| IP Rating | IP6K9K |
|-----------|--------|

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 1   |
| Packaging Method   | Box |

Other

|                  |            |
|------------------|------------|
| Interface Number | DRC14-70PX |
|------------------|------------|

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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 Headers(44)

Automotive Housings(125)

Automotive Seals & Cavity Plugs(3)

Insertion & Extraction Tools(7)

Other Automotive Connector Accessories(2)

Customers Also Bought

TE Part #5053074017  
RNF-100-3/16-6-SP

TE Part #CAT-D799-H342  
DEUTSCH DRC Headers

TE Part #5426974001  
LSTT-25.4-0-SP

TE Part #DRC16-70SBE  
PLG, 70P, BLK, E, B

DRC13-70PD-B027

Right Angle, Wire-to-Board, 70 Position, 5 Row, 5.5mm [.216in] Centerline, Nickel (Ni), Sealable, Printed Circuit Board, DEUTSCH DRC





TE Part #800999-SF  
FN3100-80-35



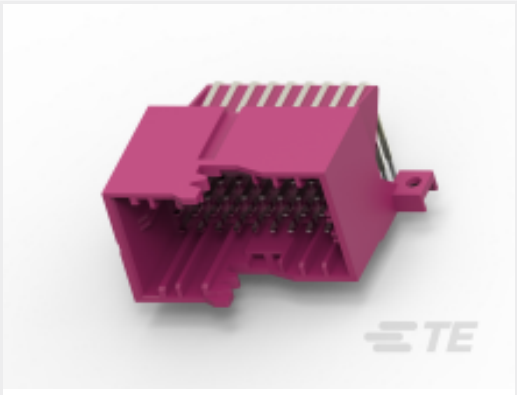
TE Part #5-104549-7  
50 SYS50 S/M HDR DRST SHRDSN



TE Part #1-1823504-1  
124POS, MIXED,HEADER ASSY



TE Part #4-2176429-4  
MPT100 12R 1%



TE Part #1-2236715-2  
36POS,TAB1.5X0.64,HEADER ASSY,  
CODB,90DEG

Documents

Product Drawings

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

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_DRC13-70PD-B027\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_DRC13-70PD-B027\_B.3d\_igs.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_DRC13-70PD-B027\_B.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

Engineering Report

English