# DRC26-24SA ✔ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC26-24SA

Housing for Female Terminals, Wire-to-Wire, 24 Position, .174 in [4.42 mm] Centerline, Sealable, Black, Wire & Cable, Signal, DEUTSCH DRC

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DRC Housings



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

Mating Pin Diameter: **1.02 mm [ .04 in ]**

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

Number of Positions: **24**

Centerline (Pitch): **4.42 mm [ .174 in ]**

All DEUTSCH DRC Housings (112)

## Features

### Product Type Features

| | |
|---|---|
| Connector Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Hybrid Connector | No |
| Primary Locking Feature | Contact Retainer |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 24 |
| Number of Rows | 4 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VAC |
| Nominal Voltage Architecture | 24 V, 48 V |

### Body Features

| | |
|---|---|
| Cable Exit Angle | 180° |
| Primary Product Color | Black |
| Connector & Keying Code | A |

## Contact Features

| | |
|---|---|
| Contact Size | Size 20 |
| Contact Type | Socket |
| Mating Pin Diameter | 1.02 mm[.04 in] |
| Contact Current Rating (Max) | 7.5 A |

## Mechanical Attachment

| | |
|---|---|
| Terminal Position Assurance | No |
| Strain Relief | With |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | PA GF |
| Centerline (Pitch) | 4.42 mm[.174 in] |

## Dimensions

| | |
|---|---|
| Connector Height | 36.45 mm[1.435 in] |
| Product Width | 50.9 mm[2.004 in] |
| Product Length | 27.94 mm[1.1 in] |
| Row-to-Row Spacing | 4.42 mm[.174 in] |
| Compatible Insulation Diameter Range | 1.02 – 2.41 mm[.04 – .095 in] |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## Industry Standards

| | |
|---|---|
| Degree of Protection | Not Tested |
| Agency/Standard | SAE J2030 |
| UL Flammability Rating | 20mm Flame Test per Standard UL-94 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 125 |

| | |
|---|---|
| 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 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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-SP729
DEUTSCH Sealing Plugs



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # DRC26-24BT
BOOT, 24P, 20SZ, PLG/REC, ST, BLK



TE Part # CAT-D799-H342
DEUTSCH DRC Headers



TE Part # 0411-240-2005
EXT TOOL, SIZE 20, 16-22 AWG, N, RED



TE Part # 1062-20-0622
SOC, SF, SIZE 20, 14-16, NI/NI



TE Part # 1062-20-0244
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # 1062-20-0222
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0322
SOC, SF, SIZE 20, 16-22, SLEVLESS, NI/NI



TE Part # 1062-20-0122
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0144
SOC, SF, SIZE 20, 16-22, AU/SN



TE Part # 1062-20-0377
SOC, SF, SIZE 20, 16-22, SLEVLESS, SN/SN



TE Part # 1062-20-0177
SOC, SF, SIZE 20, 16-22, SN/SN



TE Part # 1062-20-0277
SOC, SF, SIZE 20, 16-22, SN/SN



TE Part # 1062-20-0344
SOC, SF, SIZE 20, 16-22, SLEVLESS, AU/SN



TE Part # 1062-20-0644
SOC, SF, SIZE 20, 14-16, AU/SN



TE Part # 1062-20-0677
SOC, SF, SIZE 20, 14-16, SN/SN

TE Part # 0515-017-2405
PROTECT CVR, 24P, PLG, YEL, DRC20

TE Part # 1060-20-0677
PIN, SF, SIZE 20, 14-16, SN/SN

## Also in the Series | DEUTSCH DRC



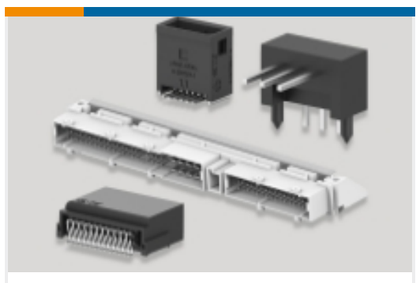
Automotive Connector Caps & Covers (9)



Automotive Housings(112)



Insertion & Extraction Tools(7)



PCB Headers & Receptacles(44)

## Customers Also Bought



TE Part #DRC26-40SB-L011
DEUTSCH DRC Housings



TE Part #DT06-12SB-CE05
DEUTSCH DT Plug Connectors



TE Part #DT04-2P-RT22
REC, 2P, BLK, 620 OHM RESISTOR, NI




TE Part #5-1803001-5
ANVIL,COMBINATION, END FEED



TE Part #1-1633921-2
ANVIL, COMBINATION



TE Part #1333205-4
ANVIL, COMBINATION (.090)




TE Part #5-1633860-7
CRIMPER, WIRE F



TE Part #9-683403-1
ANVIL, COMBINATION

## Documents

### Product Drawings

PLG, 24P, BLK, N, A

English

### CAD Files

Customer View Model

ENG_CVM_CVM_DRC26-24SA_99.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC26-24SA_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC26-24SA_99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

### Product Specifications

Product Specification

English

## Product Specification

English

## Agency Approvals

### UL Report

English