DRC26-50S06 ✔ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC26-50S06

12 V / 24 V / 48 V, 50 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4.42 mm [.174 in] Centerline, Sealable, Black, DEUTSCH DRC

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Automotive Parts > Automotive Connectors > Automotive Housings > DEUTSCH DRC Housings







Nominal Voltage Architecture: **12 V, 24 V, 48 V**

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

Number of Positions: **50**

Sealable: **Yes**

Operating Temperature Range: **-55 – 125 °C [-67 – 257 °F]**

All DEUTSCH DRC Housings (117)

Features

Product Type Features

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

Configuration Features

Number of Positions	50
Number of Rows	5

Electrical Characteristics

Operating Voltage	250 VDC

Nominal Voltage Architecture	12 V, 24 V, 48 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	06

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

Strain Relief	With
Terminal Position Assurance	No
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

Row-to-Row Spacing	4.42 mm[.174 in]
Compatible Insulation Diameter Range	1.02 – 2.41 mm[.04 – .095 in]
Product Width	68.58 mm[2.7 in]
Product Length	32.36 mm[1.274 in]
Connector Height	36.45 mm[1.435 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operating Temperature (Max)	125 °C[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	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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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-ST273
DEUTSCH Solid Contacts



TE Part # CAT-D799-H342
DEUTSCH DRC Headers



TE Part # CAT-D799-B128
DEUTSCH DRC Backshells



TE Part # DRC26-50S05
PLG, 50P, BLK, N, 05



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

TE Part # 0515-018-5005
PROTECT CVR, 38/50/60P, PLG, DRC20



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs

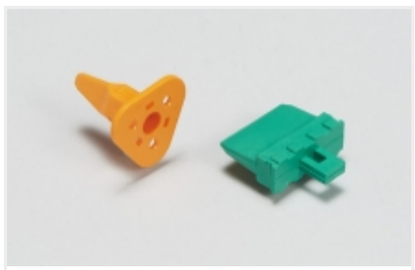


TE Part # DRC26-50BT
BOOT, 50P, 20SZ, PLG/REC, ST, BLK



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

Also in the Series | DEUTSCH DRC



Automotive Connector Locks & Position Assurance(5)



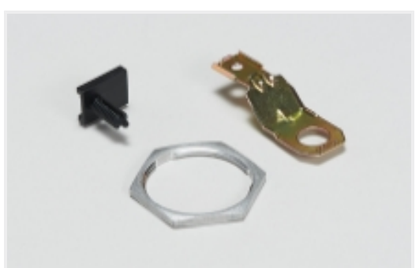
Automotive Housings(125)



Automotive Seals & Cavity Plugs(3)



Connector Strain Relief(9)



Other Automotive Connector Accessories(2)

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



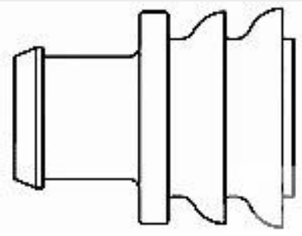
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

PLG, 50P, BLK, N, 06

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC26-50S06_99_c-drc26-50s06-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC26-50S06_99_c-drc26-50s06-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC26-50S06_99_c-drc26-50s06-99.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

CONNECTOR SELECTOR

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English