

DRC26-50S08 ✓ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC26-50S08

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

[View on TE.com >](#)



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



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

Number of Positions: **50**

Sealable: **Yes**

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

Number of Rows: **5**

[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	24 V, 48 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	08



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: JAN 2025 (247)
Candidate List Declared Against: JAN 2025 (247)
Does not contain REACH SVHC

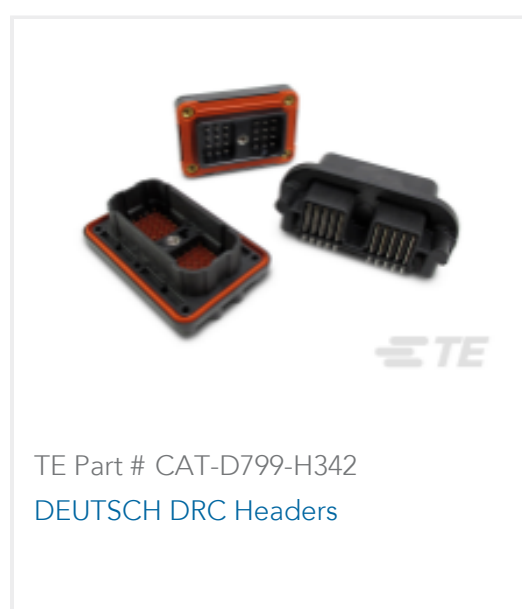
Halogen Content Not Low Halogen - contains Br or Cl > 900 ppm.

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

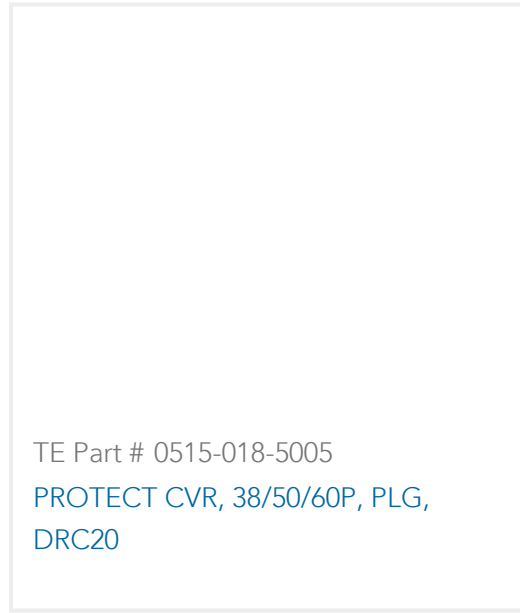




TE Part # CAT-D799-B128
DEUTSCH DRC Backshells



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



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

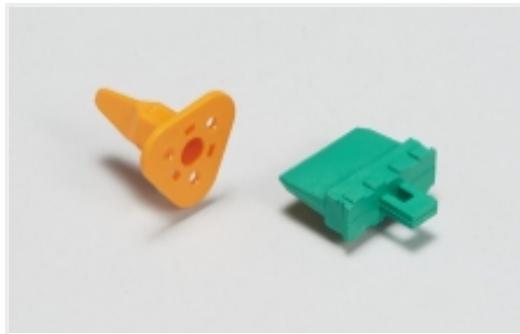


TE Part # CAT-D48-SFT273
DEUTSCH Stamped and Formed
Contacts

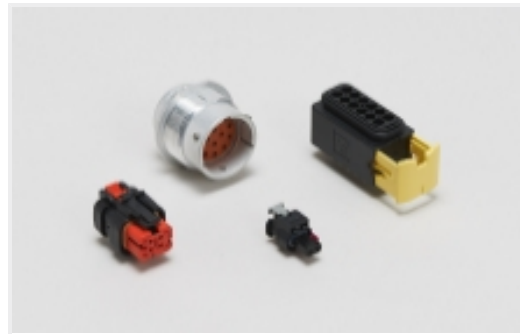


TE Part # DRC26-50BT
BOOT, 50P, 20SZ, PLG/REC, ST, BLK

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 #DTF13-12PB
HDR, 12P, BLK, RA, SN/NI/CU, B



TE Part #HD14-9-1939PE
REC, 9P, BLK, E, THRD, J1939, TYPE 1



TE Part #CAT-D799-CH8172
DEUTSCH DRC Housings



TE Part #63820-1
312 FASTON REC 14-10 AWG SPBR



Documents

Product Drawings

[PLG, 50P, BLK, N, 08](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_DRC26-50S08_99_c-drc26-50s08-99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DRC26-50S08_99_c-drc26-50s08-99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_DRC26-50S08_99_c-drc26-50s08-99.3d_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

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Product Specification](#)

English

Agency Approvals

[UL Report](#)

English