

DRB12-102PANE

✓ ACTIVE

DEUTSCH | DEUTSCH DRB

TE Internal #: DRB12-102PANE

DEUTSCH DRB, Housing for male terminals, Wire-to-Wire, 102

Position, 6.71mm / 22.5mm / 4.45mm [.264in / .886in / .175in]

Centerline, Black

[View on TE.com >](#)



Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > DEUTSCH DRB HOUSINGS



Connector Style: **Housing for male terminals**

Mating Pin Diameter: 1.59 mm, 2.39 mm, 3.61 mm, 5.72 mm [.0625 in, .094 in, .142 in, .225 in]

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

Number of Positions: **102**

Centerline (Pitch): 4.45 mm, 6.71 mm, 22.5 mm [.175 in, .264 in, .886 in]

[All DEUTSCH DRB HOUSINGS \(10\)](#)

Features

Product Type Features

Row-to-Row Spacing	3.81 mm, 4.83 mm, 6.6 mm, 7.62 mm, 8.61 mm, 8.63 mm[.15 in][.19 in][.26 in][.3 in][.339 in][.34 in]
Connector Style	Housing for male terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable
Strain Relief	Yes

Configuration Features

Blank Cavity Position	0
Number of Positions	102



Number of Rows	16
----------------	----

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Color	Black
Connector Code	A

Contact Features

Mating Pin Diameter	1.59 mm, 2.39 mm, 3.61 mm, 5.72 mm[.0625 in][.094 in][.142 in][.225 in]
Contact Current Rating (Max)	13 A, 25 A, 60 A, 100 A

Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Connector Mounting Type	Bulkhead, Cable Mount (Free-Hanging), Panel Mount
Polarized	Yes

Housing Features

Centerline (Pitch)	4.45 mm, 6.71 mm, 22.5 mm[.175 in][.264 in][.886 in]
--------------------	--

Dimensions

Height	62.64 mm[2.466 in]
Length	54.38 mm[2.141 in]
Width	125.76 mm[4.951 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

Agency/Standard	SAE J2030
-----------------	-----------



Packaging Features

Packaging Method	Box
Packaging Quantity	72

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 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts


DRB12-102PANE

DEUTSCH DRB, Housing for male terminals, Wire-to-Wire, 102 Position, 6.71mm / 22.5 mm / 4.45mm [.264in / .886in / .175in] Centerline, Black





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



TE Model / Part # CAT-D48-T618
DEUTSCH REMOVAL TOOLS




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



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



TE Model / Part # CAT-D781-M8649
DEUTSCH DRB MOUNTING ACCESSORIES



TE Model / Part # CAT-D781-CH8172
DEUTSCH DRB HOUSINGS



TE Model / Part # YDRBM-3A0000000000
FLANGE, MOUNT, 102/128P, BLK, STUD, A

TE Model / Part # DRB102-BT-90DEG
BOOT, 102P, PLG/REC, RA, BLK



TE Model / Part # 0413-214-1205
SEALING PLUG, SIZE 12, KEYING, YEL



TE Model / Part # DRB102-BT
BOOT, 102P, PLG/REC, ST, BLK

TE Model / Part # 3315-016-0005
PROTECT CVR, 102/128P, PLG, YEL, DRB

TE Model / Part # 1060-14-1088
PIN, SF, SIZE 16, 14-18, PD/NI/AU DRB

TE Model / Part # 1060-16-1244
PIN, SF, SIZE 16, 12-16, AU/SN

TE Model / Part # 1060-12-0244
PIN, SF, SIZE 12, 10AWG, AU

TE Model / Part # 1060-14-0177
PIN, SF, SIZE 16, 14-18, SN

TE Model / Part # 1060-14-1022
PIN, SF, SIZE 16, 14-18, NI

TE Model / Part # 1060-14-1077
PIN, SF, SIZE 16, 14-18, SN

TE Model / Part # 1060-16-0522
REEL 4000 PCS

TE Model / Part # 1060-16-0744
PIN, SF, SIZE 16, 14-18, AU/SN

TE Model / Part # 1060-16-0777
PIN, SF, SIZE 16, 14-18, SN

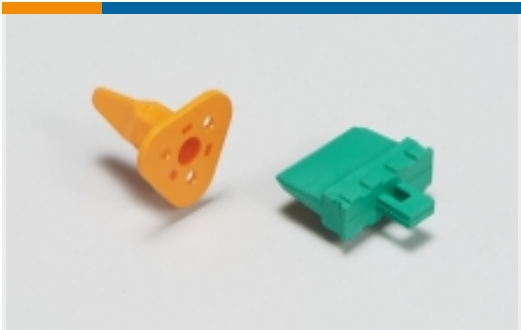
Also in the Series | **DEUTSCH DRB**

DRB12-102PANE

DEUTSCH DRB, Housing for male terminals, Wire-to-Wire, 102 Position, 6.71mm / 22.5 mm / 4.45mm [.264in / .886in / .175in] Centerline, Black



Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(10)



Automotive, Truck, Bus, & Off-Road Housings(10)



Other Automotive Connector Accessories(2)

Customers Also Bought



TE Model / Part #2151239-1
OCEAN_2.0_APPLICATOR-S-100F



TE Model / Part #1490019-3
CRIMPER, WIRE



TE Model / Part #4-1490019-1
CRIMPER, WIRE



TE Model / Part #2-456407-8
WIRE CRIMPER .100 F

Documents

Product Drawings

REC, 102P, BLK, NON-ENV, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRB12-102PANE_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRB12-102PANE_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRB12-102PANE_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

Product Specifications

Engineering Report

English

DRB12-102PANE

DEUTSCH DRB, Housing for male terminals, Wire-to-Wire, 102 Position, 6.71mm / 22.5 mm / 4.45mm [.264in / .886in / .175in] Centerline, Black

