

# DRB16-128SAE-L018 ✓ ACTIVE

DEUTSCH | DEUTSCH DRB

TE Internal #: DRB16-128SAE-L018

Housing for Female Terminals, Wire-to-Wire, 128 Position, .175 in / .264 in [4.45 mm / 6.71 mm] Centerline, Sealable, Black, Wire & Cable, DEUTSCH DRB

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DRB Housings



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

Number of Positions: **128**

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

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

Sealable: **Yes**

[All DEUTSCH DRB Housings \(19\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

### Configuration Features

Blank Cavity Position	0
Connector Modification	Wire Router
Connector Seal Code	E Seal
Number of Positions	128
Number of Rows	10

### Electrical Characteristics

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



### Body Features

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

### Contact Features

Contact Size	Size 12, Size 16
Contact Type	Socket
Mating Pin Diameter	1.59 mm, 2.39 mm [.063 in] [.094 in]
Contact Current Rating (Max)	13 A, 25 A

### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging), Panel Mount

### Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.45 mm, 6.71 mm [.175 in] [.264 in]

### Dimensions

Connector Height	75.34 mm [2.966 in]
Product Width	125.75 mm [4.951 in]
Product Length	44.4 mm [1.748 in]
Row-to-Row Spacing	7.62 mm, 8.61 mm [.3 in] [.339 in]
Compatible Insulation Diameter Range	1.35 – 3.05 mm, 2.46 – 4.01 mm [.053 – .12 in] [.097 – .158 in]

### Usage Conditions

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

### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

Degree of Protection	IP68, IP6K9K
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Compatible With Agency/Standards Products

SAE J2030

### Packaging Features

Packaging Quantity

72

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)  
 Candidate List Declared Against: JUNE 2023 (235)  
 Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 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-D781-CH8172  
DEUTSCH DRB Housings



TE Part # CAT-J67-DSCC16  
DEUTSCH Size 16 Crimp Contacts



TE Part # WB-64SA  
WEDGE LOCK, 128P, PLG, GRY, DRB, A



TE Part # CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part # DT-RT1  
EXT TOOL, FRONT RELEASE



TE Part # 1062-12-0144  
SOC, SF, SIZE 12, 12-14, AU/SN



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



TE Part # DRBF-1A  
FLANGE, MOUNT, 102/128P, BLK, A



TE Part # 1062-12-0222  
SOC, SF, SIZE 12, 10, NI/NI




TE Part # 1062-12-0166  
SOC, SF, SIZE 12, 12-14, NI/SN




TE Part # 1062-12-0244  
SOC, SF, SIZE 12, 10, AU/SN



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



TE Part # 1062-14-0177  
SOC, SF, SIZE 16, 14-18, SN/SN




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


Also in the Series | **DEUTSCH DRB**




Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance(20)



Automotive Housings(19)



Connector Strain Relief(1)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(6)

## Customers Also Bought



TE Part #DRB16-128SBE-L018  
PLG, 128P, BLK, E, CAP, B



TE Part #YDRBM-3A0000000000  
DEUTSCH DRB Mounting Accessories



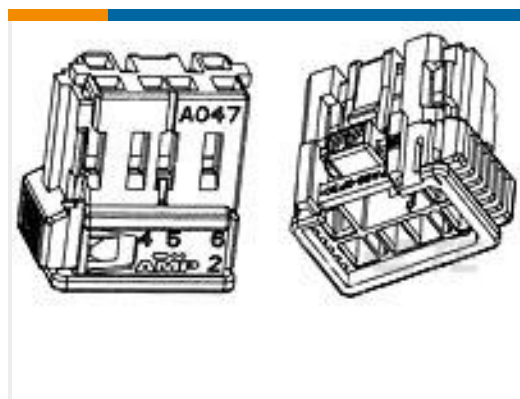
TE Part #WB-64PB  
DEUTSCH DRB Wedgelocks



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



TE Part #HD34-24-19SE-059  
DEUTSCH HD30 Housings



TE Part #282991-2  
CONN.NEW GEN.F. TRUCK



TE Part #2133258-1  
SUPPORT, FRAME ASSY MCP

## Documents

### Product Drawings

PLG, 128P, BLK, E, CAP, A

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_DRB16-128SAE-L018\\_99.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_DRB16-128SAE-L018\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_DRB16-128SAE-L018\\_99.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[ICT Terminals and Connectors Catalogue](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Agency Approvals**

[UL Report](#)

English