DRB16-128SAE-L018 ✔ ACTIVE

DEUTSCH | DEUTSCH DRB

TE Internal #: DRB16-128SAE-L018

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

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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	12

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 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)

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

Industry Standards

Degree of Protection	IP68, IP6K9K

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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-D781-CH8172
DEUTSCH DRB Housings



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



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



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



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



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



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

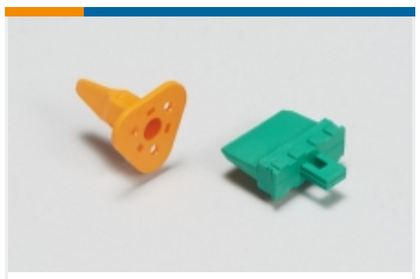
TE Part # 1062-14-0177
SOC, SF, SIZE 16, 14-18, SN/SN

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



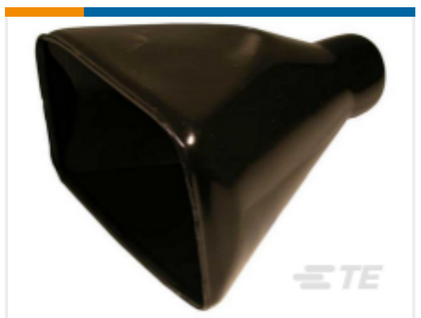
TE Part #YDRBM-3A0000000000
FLANGE, MOUNT, 102/128P, BLK, STUD, A



TE Part #HDP26-24-7SN-CL18
DEUTSCH HDP20 Housings



TE Part #WB-64PB
DEUTSCH DRB Wedgelocks



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



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



TE Part #DRCP28-86SC
PLG, 86P, BLK, 12/20, C



TE Part #DTP2P-BT-BK
BOOT, 2P, REC, ST, BLK

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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

175977-2 2310537-1 3-1393225-0 650075-000 CPF0402B37K4E1 ROX05SJ18R SMW73R0JT 1-962915-1 2380312-2 3430B2F51RTDF 936348-1 SBCHE154R7K SBCHE64R7K 1393431-1 1903112-2 2834055-1 917696-1 CRGCQ2010J3K3 U5254-000005-030PA 1969656-1 3631B101LL 1-794222-0 2377783-2 1743455-2 2-292161-3 TE50BR39J 141991-2 2005330-1 MPT100C18RF RH73H2A40MKTN