429987 ✔ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC16-70SDE-P013UK

12 V, 70 Position, Automotive Plug, Wire-to-Wire, 5.5 mm [.216 in] Centerline, Sealable, Black, Wire & Cable, Power, DEUTSCH DRC

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Nominal Voltage Architecture: **12 V**

Connector & Housing Type: **Plug**

Number of Positions: **70**

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	Plug
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Connector Seal Code	E Seal
Number of Positions	70
Number of Rows	5

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V

Body Features

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

Contact Features

Contact Size	Size 16
Contact Type	Socket
Mating Pin Diameter	1.6 mm[.063 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PPS GF
Centerline (Pitch)	5.5 mm[.216 in]

Dimensions

Row-to-Row Spacing	5.5 mm[.216 in]
Compatible Insulation Diameter Range	1.4 – 3.8 mm[.055 – .15 in]
Product Width	36.1 mm[1.42 in]
Product Length	104 mm[4.09 in]
Connector Height	41.7 mm[1.64 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	UL 94V-0

Packaging Features

Packaging Quantity	1
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

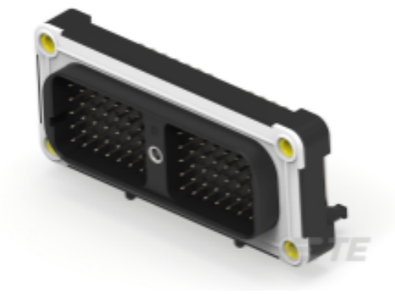
Compatible Parts



TE Part # CAT-D48-ST273
DEUTSCH Connector Solid Contacts

TE Part # 0515-031-7005
WIRE ROUTER, 70P, BLK, PLG

TE Part # 0528-013-7005
BKSHL, 70P, BLK, PLG, RA, RIB, NW 26



TE Part # DRC13-70PD-B027
HDR, 70P, BLK, RA, M5, FLG, NI/CU, D



TE Part # 0411-310-1605
EXT TOOL, SIZE 16, 16-18 AWG, T, LT BLU



TE Part # 0528-012-7005
BKSHL, 70P, BLK, PLG, RA, NO RIB, NW 26



TE Part # 0411-354-1605
EXT TOOL, SIZE 16, 16-18 AWG, N, BRN



TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings



TE Part # DRC70-BT
BOOT, 70P, 16SZ, PLG/REC, ST, BLK



TE Part # 0411-291-1405
EXT TOOL, SIZE 16, 14-16 AWG, N, GRN

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



TE Part # 1062-16-1422
SOC, SF, SIZE 16, 12-16, SLVLES, NI/NI



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



TE Part # 0411-336-1605
EXT TOOL, SIZE 16, 16-20 AWG, E, DRK BLU

TE Part # 0528-006-7005
BKSHL, 70P, BLK, PLG, ST, SIDEAB, NW 26



TE Part # CAT-D48-SP729
DEUTSCH Sealing Plugs



TE Part # 0411-204-1605
EXT TOOL, SIZE 16, 16-18 AWG, N, DRK BLU

TE Part # 0515-006-7005
PROTECT CVR, 70P, PLG, DRC16

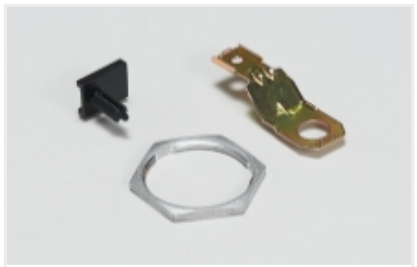
Also in the Series | DEUTSCH DRC



Automotive Connector Caps & Covers (15)



Automotive Housings(125)



Other Automotive Connector Accessories(2)

Customers Also Bought



TE Part #CAT-J41-DDRC
DEUTSCH DT Receptacle Connectors



TE Part #HD10-9-96PE-B009
REC, 9P, GRY, E, NO KEY, FLANGE, 16



TE Part #DTSK04-1-08PB
RECEPTACLE, INLINE, KEY B



TE Part #F53327-000
D-SCE-1K-2.4-50-S1-9



TE Part #CAT-D799-CH8172
DEUTSCH DRC Housings



TE Part #726346
SO RINGTONG 6-35



TE Part #1752681-1
HYP10 SOLIS FLAG 1/0-4/0AWG INDENTER

TE Part #0515-031-7005
WIRE ROUTER, 70P, BLK, PLG

Documents

Product Drawings

PLG, 70P, BLK, E, SEAL BOND, D

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC16-70SDE-P013UK_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC16-70SDE-P013UK_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC16-70SDE-P013UK_A.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English