

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC12-24PA

24 Position Housing, Housing for Male Terminals, Wire-to-Wire,

5.49 mm [.216 in] Centerline, Sealable, Black, Wire & Cable, Power,

DEUTSCH DRC

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Number of Positions: 24

Connector & Housing Type: Housing for Male Terminals

Mating Pin Diameter: 1.59 mm [.063 in]

Connector System: Wire-to-Wire Centerline (Pitch): 5.49 mm [.216 in]

All DEUTSCH DRC Housings (117)

Features

Product Type Features	
Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Blank Cavity Position	0
Number of Positions	24
Number of Rows	4
Electrical Characteristics	
Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 48 V

180°

Black

Body Features

Cable Exit Angle

Primary Product Color



Connector & Keying Code	A
Contact Features	
Contact Size	Size 16
Contact Type	Pin
Mating Pin Diameter	1.59 mm[.063 in]
Contact Current Rating (Max)	13 A
Mechanical Attachment	
Strain Relief	Add By Accessory
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount
Housing Features	
Housing Material	PPS GF
Centerline (Pitch)	5.49 mm[.216 in]
Dimensions	
Row-to-Row Spacing	5.49 mm[.216 in]
Product Width	77.22 mm[3.04 in]
Product Length	44.25 mm[1.742 in]
Connector Height	53.09 mm[2.09 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	
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	60



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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



DEUTSCH DRC Housings









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



TE Part # CAT-D48-SP729 **DEUTSCH Sealing Plugs**



TE Part # DRC24-GKT GASKET, 24P, BLK, DRC16



DEUTSCH Solid Contacts



TE Part # DRC24-BT BOOT, 24P, 16SZ, PLG/REC, ST, BLK



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



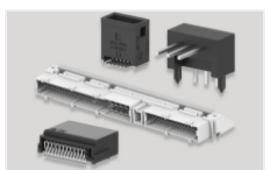
TE Part # 0411-291-1405 EXT TOOL, SIZE 16, 14-16 AWG, N, GRN



Also in the Series | DEUTSCH DRC









Rectangular Power Connectors(44)

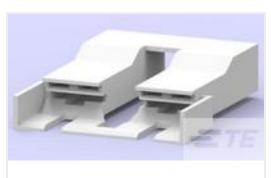
Customers Also Bought



TE Part #DRC24-GKT GASKET, 24P, BLK, DRC16



TE Part #CAT-D799-CH8172 DEUTSCH DRC Housings



TE Part #521253-1 PL 250 HOUSING RECEPTACLE NYLON 6/6







Documents

Product Drawings

REC, 24P, BLK, N, FLANGE, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC12-24PA_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC12-24PA_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC12-24PA_C.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

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ICT Terminals and Connectors Catalogue

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CONNECTOR SELECTOR

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Product Specifications

Application Specification

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Agency Approvals

UL Report

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