



Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DRC Housings



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

Number of Positions: **40**

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

Centerline (Pitch): **4.42 mm [.174 in]**

Sealable: **Yes**

[All DEUTSCH DRC Housings \(117\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	40
Number of Rows	4

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 20
Contact Type	Pin
Mating Pin Diameter	1.02 mm[.04 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA
Centerline (Pitch)	4.42 mm[.174 in]

Dimensions

Connector Height	93.98 mm[3.7 in]
Product Width	50.93 mm[2 in]
Product Length	38.1 mm[1.5 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
UL Flammability Rating	20mm Flame Test per Standard UL-94

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) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.4% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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-D799-CH8172
DEUTSCH DRC Housings



TE Part # CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part # 1062-20-0244
SOC, SF, SIZE 20, 16-22, AU/SN




TE Part # 1062-20-0222
SOC, SF, SIZE 20, 16-22, NI/NI



TE Part # 1062-20-0122
SOC, SF, SIZE 20, 16-22, NI/NI




TE Part # 1062-20-0144
SOC, SF, SIZE 20, 16-22, AU/SN




TE Part # 0504-003-4001
DUST CAP, 40P, REC, BLK, DRC20


Also in the Series | **DEUTSCH DRC**




Automotive Housings(117)



Connector Backshells(6)



Connector Strain Relief(3)



Insertion & Extraction Tools(7)



PCB Headers & Receptacles(44)

Customers Also Bought



TE Part #0462-005-20141
DEUTSCH Solid Contacts



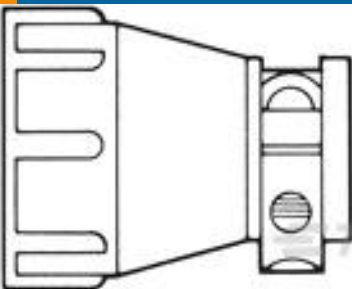
TE Part #DT06-12SC-B016
PLG, 12P, GRN, N, ENH KEY, C



TE Part #DRB12-60PAE-L018
REC, 60P, BLK, E, CAP, A



TE Part #1411169-1
MARKET2X4MAL UNSEAL



TE Part #1-206138-0
CABLE CLAMP ASSY,BULK PACKED



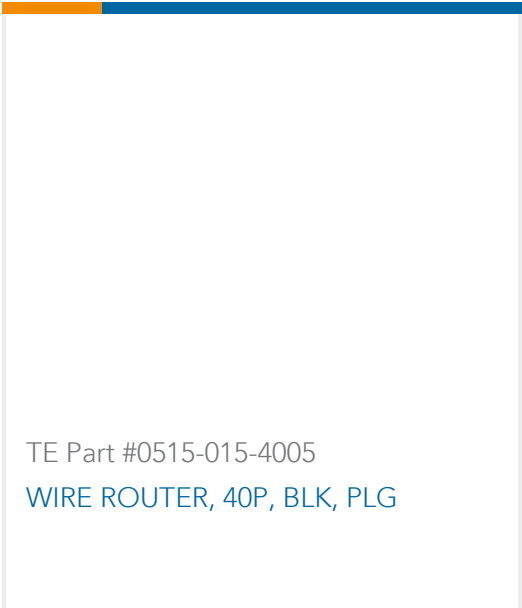
TE Part #5-2098269-1
10P Plug Assembly (2x5), Gener



TE Part #521747-1
ULTRA-POD 250 ASSY TAB 18-14
AWG BR



TE Part #DRC22-40PB
40P RECP ASM



TE Part #0515-015-4005
WIRE ROUTER, 40P, BLK, PLG

Documents

Product Drawings

40P RECP ASM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC22-40PA_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC22-40PA_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC22-40PA_99.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Product Specification

English

Product Specification

English

Agency Approvals

UL Report

English