

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC14-24PA Housing for Male Terminals, Wire-to-Wire, 24 Position, .216 in [5.49 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DRC

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DRC Housings



Connector System: Wire-to-Wire

Number of Positions: 24

Connector & Housing Type: Housing for Male Terminals

Centerline (Pitch): 5.49 mm [.216 in]

Sealable: Yes

All DEUTSCH DRC Housings (112)

Features

Product Type Features

Mixed & Hybrid Connector

Connector Shape

No

Rectangular



Connector System	Wire-to-Wire					
Connector & Housing Type	Housing for Male Terminals Yes					
Sealable						
Connector & Contact Terminates To	Wire & Cable					
Primary Locking Feature	Contact Retainer					
Configuration Features						
Blank Cavity Position	0					
Number of Positions	24					
Number of Rows	4					
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					

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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	
Terminal Position Assurance	No
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	PPS GF
Centerline (Pitch)	5.49 mm[.216 in]
Dimensions	
Connector Height	30.53 mm[1.202 in]
Product Width	54.71 mm[2.154 in]
Product Length	44.25 mm[1.742 in]
Row-to-Row Spacing	5.49 mm[.216 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
Industry Standards	
Degree of Protection	IP68, IP6K9K
Compatible With Agency/Standards Products	SAE J2030
UL Flammability Rating	20mm Flame Test per Standard UL-94
Packaging Features	
Packaging Quantity	125

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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						

Halogen Content

Solder Process Capability

Not reviewed for solder process capability

BFR/CFR/PVC Free, but Br/Cl >900 ppm in

Does not contain REACH SVHC

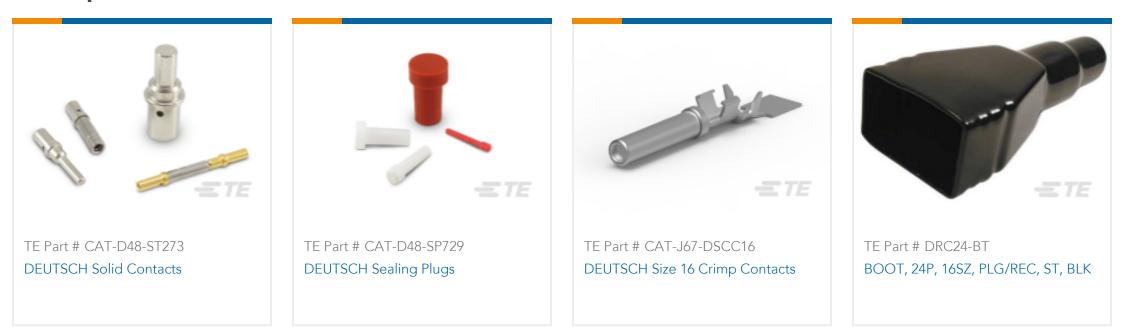
2023 (235)

other sources.

Product Compliance Disclaimer

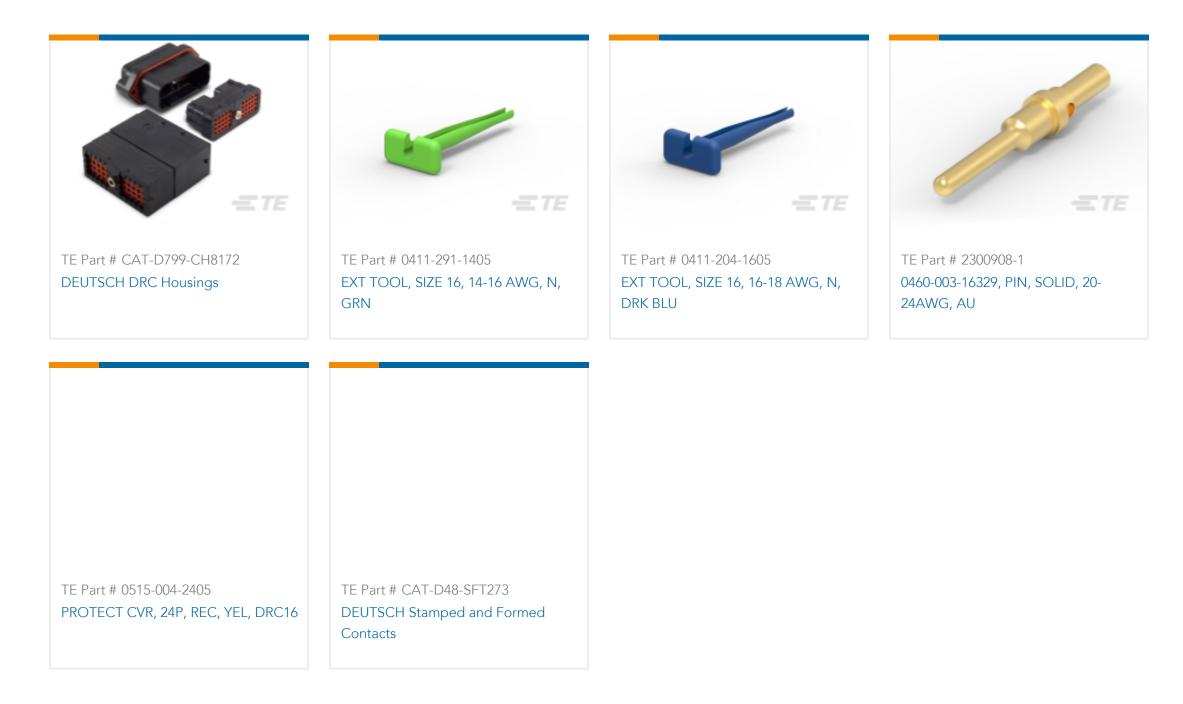
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



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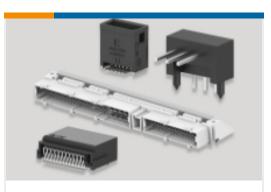




Also in the Series DEUTSCH DRC



Automotive Housings(TTZ)	Connector Dackshells(0)		Insertion & Extraction Tools(7)



PCB Headers & Receptacles(44)

Customers Also Bought



Housing for Male Terminals, Wire-to-Wire, 24 Position, .216 in [5.49 mm] Centerline, Sealable, Black, Wire & Cable, Power & Signal, DEUTSCH DRC



Documents

Product Drawings REC, 24P, BLK, N, A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC14-24PA_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC14-24PA_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC14-24PA_F.3d_stp.zip

English

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Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Agency Approvals UL Report

English