

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC16-40SE 40 Position Housing, Housing for Female Terminals, Wire-to-Wire, 5.49 mm [.216 in] Centerline, Sealable, Black, Wire & Cable, Power, DEUTSCH DRC

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Connectors > Automotive Connectors > Automotive Housings > DEUTSCH DRC Housings



Number of Positions: 40

Connector & Housing Type: Housing for Female 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

Connector Shape

No

Rectangular

Connector & Housing Type	Housing for Female 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	40			
Number of Rows	4			
Electrical Characteristics				
Operating Voltage	250 VDC			
Nominal Voltage Architecture	12 V, 24 V, 48 V			
Body Features				
Cable Exit Angle	180°			
Primary Product Color	Black			

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Contact Features

Contact Size	Size 16
Contact Type	Socket
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	Cable Mount (Free-Hanging)
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	72.85 mm[2.868 in]
Product Length	40.56 mm[1.597 in]
Connector Height	30.53 mm[1.202 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	125

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Other

Serviceable	Yes	
Connector Position Assurance Capable	No	
Connector i Osition Assurance Capable		
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

EU REACH Regulation (EC) No. 1907/2006

Compliant
Compliant
No Restricted Materials Above Threshold
Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.4% in 10770334040) 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.
BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Not reviewed for solder process capability

Solder Process Capability

Halogen Content

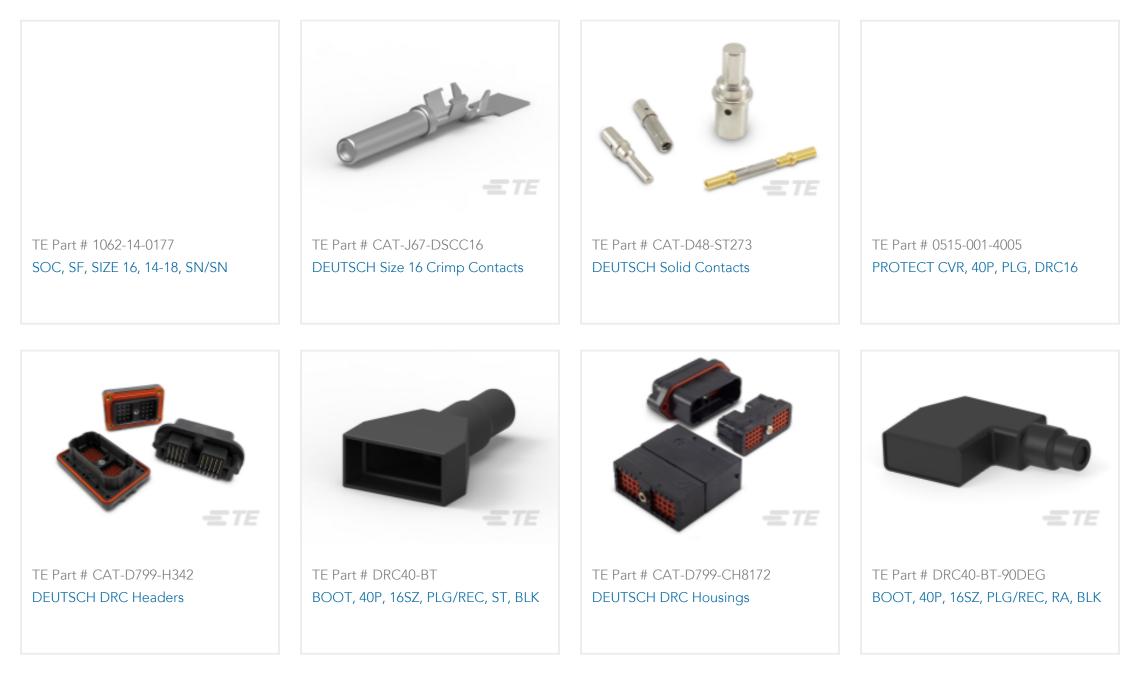
Product Compliance Disclaimer

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

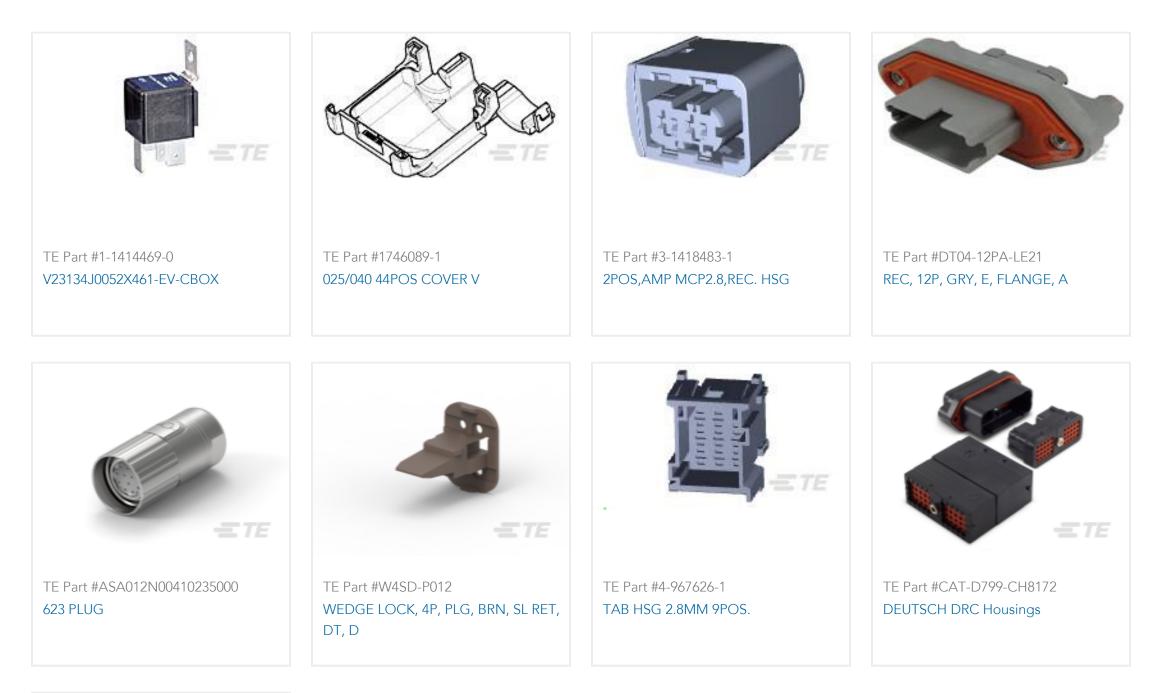
Automotive Headers(44)	Automotive Housings(117)	Connector Backshells(6)	Connector Strain Relief(3)



Customers Also Bought

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







TE Part #100283-1 2P.4MM SOCK.ASS.M24

Documents

Product Drawings

PLG, 40P, BLK, E

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC16-40SE_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC16-40SE_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC16-40SE_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

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TERMINALS AND CONNECTORS

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English