DRC23-64PAA ✔ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Internal #: DRC23-64PAA

Right Angle, Wire-to-Board, 64 Position, 4 Row, 4.42mm [.174in] Centerline, Gold (Au), Sealable, Wire & Cable, DEUTSCH DRC

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PCB Mount Orientation: **Right Angle**

Contact Current Rating (Max): **7.5 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

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

All DEUTSCH DRC Headers (44)

Features

Product Type Features

Connector Product Type	Connector Assembly
Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Sealable	Yes
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	64
Number of Sections	4
PCB Mount Orientation	Right Angle
Number of Positions	64
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VDC
Voltage Rating (Max)	250 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Connector & Keying Code	AA
Primary Product Color	Black

Contact Features

Mating Pin Diameter	1.02 mm[.04 in]
Contact Type	Pin
Contact Current Rating (Max)	7.5 A
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	With
Mating Retention Type	Locking Interface
PCB Mount Retention	With
Mounting Holes	With
PCB Mount Retention Type	Mounting Screw
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	4.42 mm[.174 in]

Dimensions

Connector Width	149 mm[5.866 in]
PCB Thickness (Recommended)	.78 – 1.57 mm[.031 – .062 in]
Connector Length	45.34 mm[1.785 in]
Profile Height from PCB	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

Shielded	No
Circuit Application	Power & Signal

Industry Standards

IP Rating	Not Tested
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	50
Packaging Method	Box

Other

Interface Number	DRC23-24PX, DRC23-40PX

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: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.4% in 6672549842) **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

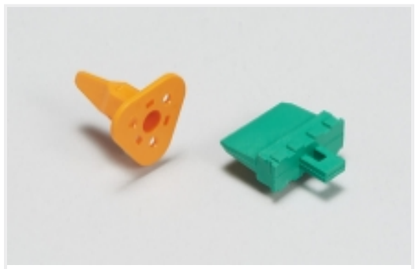
TE Part # 0504-003-4001
DUST CAP, 40P, REC, BLK, DRC20

TE Part # CAT-D799-CH8172
DEUTSCH DRC Housings

TE Part # DRC26-40SA-PL01
PLG, 40P, BLK, N, ROUTER CAP, SS CLIP, A

TE Part # 0515-020-2405
PROTECT CVR, 24P, REC,DRC20

Also in the Series | DEUTSCH DRC



Automotive Connector Locks & Position Assurance(5)



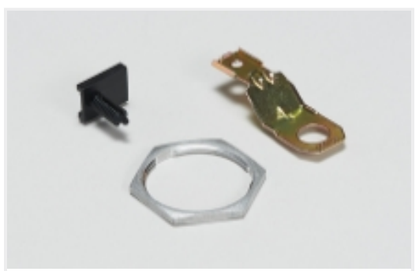
Automotive Housings(125)



Automotive Seals & Cavity Plugs(3)



Connector Strain Relief(9)



Other Automotive Connector Accessories(2)

Customers Also Bought



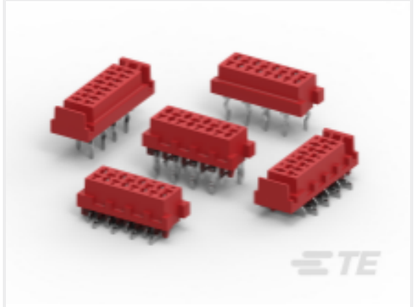
TE Part #354187-E
MSPEED 50 M SMD M10 B AB VV 137 094 * *



TE Part #DRC26-24SA
PLG, 24P, BLK, N, A



TE Part #DT06-4S-CE01
PLG, 4P, GRY, E, CAP



TE Part #CAT-M5833-F3492A
Female-on-Board Connector, Top Entry



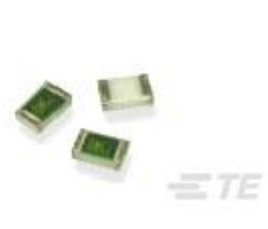
TE Part #1393230-9
RP3SL012



TE Part #1419108-1
RT114012



TE Part #1534805-1
HD20 COVER KIT 9POS WITH CABLE



TE Part #6-2176087-2
RP 1J 0.166W 301R 0.1% 25PPM 1K RL

TE Part #2205507-1
CA MICRO-MATCH MOW-MOW 14POS

Documents

Product Drawings

HDR, 64P, BLK, RA, AU/NI/CU, AA

English

CAD Files

Customer View Model

ENG_CVM_CVM_DRC23-64PAA_99.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC23-64PAA_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC23-64PAA_99.3d_stp.zip

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

CONNECTOR SELECTOR

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English