

24P RECP ASM

✓ ACTIVE

DEUTSCH | DEUTSCH DRC

TE Part # DRC13-24PA

TE Internal #: DRC13-24PA

DEUTSCH DRC HEADERS

[View on TE.com >](#)



Connectors > Automotive, Truck, Bus, & Off-Road Connectors > PCB Headers > DEUTSCH DRC HEADERS



Connector System: Wire-to-Board, Wire-to-Device

Number of Positions: 24

Centerline (Pitch): 3.8 mm [.15 in]

Sealable: Yes

Mounting Orientation: Horizontal/90°

[All DEUTSCH DRC HEADERS \(30\)](#)

Features

Product Type Features

Shielded	No
Hybrid Header	No
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	24
Number of Rows	4

Electrical Characteristics

Voltage Rating (Max)	12 VDC
Operating Voltage	250 VDC

Body Features

Color	Black
-------	-------

Contact Features

Pin Diameter	1.5 mm[.059 in]
Interface Plating	Tin (Sn)

Termination Features



Termination Method	Through Hole - Solder
--------------------	-----------------------

Mechanical Attachment

Locking Interface	With
PCB Mount Alignment	With
Mounting Holes	With
Panel Mount Feature	With
PCB Mount Retention	With
PCB Mount Retention Type	Solder Tail
Mounting Orientation	Horizontal/90°

Housing Features

Centerline (Pitch)	3.8 mm[.15 in]
--------------------	----------------

Dimensions

Length	74.4 mm[2.93 in] .062 – .07 in
--------	-----------------------------------

Usage Conditions

Operating Temperature (Max)	100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Industry Standards

UL Flammability Rating	None
Degree of Protection	IP68

Packaging Features

Packaging Type	Tray
----------------	------

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 2019 (197)



Candidate List Declared Against: JAN 2017
(173)

Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # DRC16-24SA
24P PLUG ASM

Also in the Series | DEUTSCH DRC

Automotive Connector
Caps & Covers(5)

Automotive, Truck, Bus, &
Off-Road Headers(30)

Automotive, Truck, Bus, &
Off-Road Housings(76)

Customers Also Bought

24P RECP ASM

TE Part # DRC13-24PA
TE Internal #: DRC13-24PA



TE Part #SRK-PC-080-35-601
PIN, SIZE 8MM, 35MM2, SILVER

TE Part #CAR2PC68-001
CAR PLUG DIN9680 2way, IP68

TE Part #DARS24924-000A3
CAR PIN CONT. #5, mod-001, silver plated

TE Part #SRK-SC-080-35-601
SOCKET, SIZE 8MM, 35MM2, SILVER

Documents

Product Drawings

24P RECP ASM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DRC13-24PA_99_c-drc13-24pa-99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DRC13-24PA_99_c-drc13-24pa-99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DRC13-24PA_99_c-drc13-24pa-99.3d_stp.zip

English

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

English