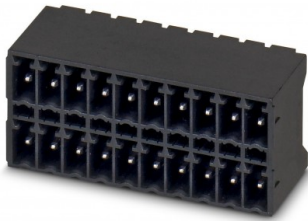


INDUSTRIAL COMPONENT DATA

MCDN 1,5/ 3-G1-3,5 P14THR 1953923 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDN 1,5/ 3-G1-3,5 P14THR



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCDN 1,5/ 3-G1-3,5 P14THR
Catalog number	1953923
Category	Printed circuit board connector
Minimum order	95 Pcs
Document ID	EO-E58D734E7D
Generated	2026-08-02

Product Overview

Feed-through header

Printed circuit board base case, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Sn, contact connection type: Male, number of potentials: 6, number of rows: 2, number of poles: 3, number of connections: 6, article family: MCDN 1.5/..-G1-THR, pitch: 3.5 mm, mounting: THR welding/wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 1.5 - MCDN 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed packaging, The pin length is 1.4 mm. For user information and design recommendations on Through Hole Reflow technology, please refer to: "Downloads".

PCB headers, nominal cross section: 1.5 mm², color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of potentials: 6, number of rows: 2, number of positions: 3, number of connections: 6, product range: MCDN 1,5/..-G1-THR, pitch: 3.5 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 1,5 - MCDN 1,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard, The pin length is 1....

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct type PCB headers

Product family MCDN 1,5/..-G1-THR

Product line COMBICON Connectors S

Type Component suitable for through hole reflow

Number of positions 3

Pitch 3.5 mm

Number of connections 6

Number of rows 2

Number of potentials 6

Mounting flange without

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 06

Electrical propertiesNominal current IN 8 A

Nominal voltage UN 160 V

Contact resistance 2.1 m Ω

Rated voltage (III/3) 160 V

Rated surge voltage (III/3) 2.5 kV

Rated voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Rated voltage (II/2) 250 V

Rated surge voltage (II/2) 2.5 kV

MountingMounting type THR soldering / wave soldering

Pin layout Linear pinning

Processing notes

Process Reflow/wave soldering

Moisture Sensitive Level MSL 1

Classification temperature Tc 260 °C

Solder cycles in the reflow 3

Material specificationsMaterial data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface contact area (top layer) Tin (3 - 5 μ m Sn)

Metal surface contact area (middle layer) Nickel (1.3 - 3 μ m Ni)

Metal surface soldering area (top layer) Tin (3 - 5 μ m Sn)

Metal surface soldering area (middle layer) Nickel (1.3 - 3 μ m Ni)

Material data - housing

Color (Housing) black (9005)

Insulating material LCP

Insulating material group IIIa

CTI according to IEC 60112 175

Flammability rating...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCDN 1,5/ 3-G1-3,5 P14THR with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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