INDUSTRIAL COMPONENT DATA

# MCDN 1,5/ 9-G1-3,5 RNP26THR2CP 1799390 PHOENIX CONTACT Housing base for printed circuit board, nominal curre..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDN 1,5/ 9-G1-3,5 RNP26THR2CP**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MCDN 1,5/ 9-G1-3,5 RNP26THR2CP |
| Catalog number | 1799390 |
| Category | Printed circuit board connector |
| Minimum order | 30 Pcs |
| Document ID | EO-4DE667BC03 |
| Generated | 2026-11-19 |

## Product Overview

Housing base for printed circuit board, nominal current: 8 A, number of poles: 9, pitch: 3.5 mm, color: black, surface of contact: Tin, assembly: Soldering THR
Base housing printed circuit board, nominal section: 1.5 mm², color: black, rated current: 8 A, sizing voltage (III/2): 160 V, surface contacts: Tin, contact type: Male, Number of potentials: 18, Number of rows: 2,Number of poles per row: 9, number of connections: 18, article family: MCDN 1.5/.. -G1-THR, pitch: 3.5 mm, mounting: WELDING THR, pin arrangement: Linear pin arrangement, pin length [P]: 2.6 mm, Stecksystem: MINI COMBICON, Locking:sin, packing type: boxed packaging
PCB headers, nominal cross section: 1.5 mm2, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of potentials: 18, number of rows: 2, number of positions: 9, number of connections: 18, product range: MCDN 1,5/..-G1-RN-THR, pitch: 3.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.6 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Connectors S
Product type PCB headers
Product family MCDN 1,5/..-G1-RN-THR

Number of positions 9
Pitch 3.5 mm
Number of connections 18
Number of rows 2
Mounting flange without
Number of potentials 18
Pin layout Linear pinning
Solder pins per potential 1
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 160 V
Degree of pollution 3
Contact resistance 2.1 m?
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
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 µm Sn)
Metal surface contact area (middle layer) Nickel (1.3 - 3 µm Ni)
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)
Material data - housing
Color (Housing) black (9005)
Insulating material LCP
Insulating material group IIIa
CTI according to IEC 60112 175
Flammability rating according to UL 94 V0
NotesDetails for soldering processes Processing using ref...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCDN 1,5/ 9-G1-3,5 RNP26THR2CP 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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