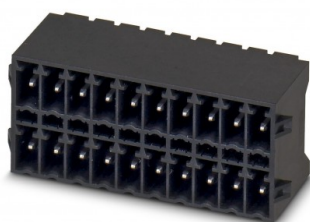


INDUSTRIAL COMPONENT DATA

MCDN 1,5/ 7-G1-3,5 RNP26THRR56 1094466 PHOENIX CONTACT Housing base printed circuit board, nominal current: ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCDN 1,5/ 7-G1-3,5 RNP26THRR56



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCDN 1,5/ 7-G1-3,5 RNP26THRR56
Catalog number	1094466
Category	Printed circuit board connector
Minimum order	990 Pcs
Document ID	EO-B89B705039
Generated	2026-08-06

Product Overview

Housing base printed circuit board, nominal current: 8 A, number of poles: 7, 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: 14, Number of rows: 2, Number of poles per row: 7, number of connections: 14, article family: MCDN 1.5/.. -G1-RN-THR, pitch: 3.5 mm, mounting: THR welding, pin arrangement: Linear pin arrangement, pin length [P]: 2.6 mm, Stecksystem: MINI COMBICON, Locking: Lace lock, packing type: 56 mm wide strap

PCB header, nominal cross-section: 1.5 mm², colour: black, nominal current: 8 A, reference voltage (III/2): 160 V, contact area: Sn, contact type: Male, number of potentials: 14, number of rows: 2, number of poles: 7, number of connections: 14, article range: MCDN 1.5/.. -G1-RN-THR, pitch: 3.5 mm, mounting: THR welding / Wave welding, spindle plane: Linear pinout, spindle length [P]: 2.6 mm, number of pins per potential: 1, Plug-in system: COMBICON FMC 1.5 - MCDN 1.5, Orientation of the plug-in pattern: Standard, Locking: Snap-lock, Fastening type: Stop, Packaging type: Strap in width of 56 mm

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)
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Additional Product Information

Technical characteristicsProduct PropertiesProduct Type PCB header

Product range MCDN 1.5/.. -G1-RN-THR
Product Line COMBICON Connectors S
Number of poles 7
Steps 3.5 mm
Number of connections 14
Number of rows 2
Number of potentials 14
Mounting Flange Switchblade
Pinout plot Linear pinout
Number of pins per potential 1
Data Management Status
Revision of the article 00
Electrical properties Rated Current IN 8 A
Rated voltage UN 160 V
Contact resistance 2.1 mΩ
Reference voltage (III/3) 160 V
Rated Shock Resistance Voltage (III/3) 2.5 kV
Rated Voltage (III/2) 160 V
Rated Shock Withstand Voltage (III/2) 2.5 kV
Reference voltage (II/2) 250 V
Rated Shock Withstand Voltage (II/2) 2.5 kV
Mounting Mounting Type THR Welding / Wave Welding
Pinout plot Linear pinout
Treatment advice
Process Reflow/wave soldering
Moisture Sensitive Level MSL 1
Temperature classification Tc 260 °C
Reflow Soldering Cycles 3
Material Guidance Material indication - contact
Note WEEE/RoHS compliant, trichite-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface quality Galvanic tinning
Metal surface, contact area (top layer) Tin (3 - 5 μm Sn)
Metal surface, contact area (middle layer) Nickel (1 - 3 μm Ni)
Metal surface, welding area (top layer) Tin (3 - 5 μm Sn)
Metal surface, welding area (middle layer) Nickel (1 - 3 μm Ni)
Material indication - housing
Colors (Cases) Black (9005)
Insulating material LCP
Insulation Group IIIa
CRI according to IEC 60112 175
Flammability class accordin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCDN 1,5/ 7-G1-3,5 RNP26THRR56 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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