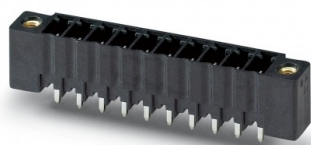


INDUSTRIAL COMPONENT DATA

MCV 1,5/ 3-GF-3,5 P14 AUTHRR56 1832470 PHOENIX CONTACT PCB headers, nominal current: 8 A, rated voltage (III..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 3-GF-3,5 P14 AUTHRR56



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCV 1,5/ 3-GF-3,5 P14 AUTHRR56
Catalog number	1832470
Category	Printed circuit board connector
Minimum order	2000 Pcs
Document ID	EO-79B9A05937
Generated	2026-08-01

Product Overview

PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 3, pitch: 3.5 mm, color: black, contact surface: Gold, mounting: THR soldering

Printed circuit board base housing, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of rows: 1, number of poles: 3, family of articles: MCV 1.5/.. -GF-THR, pitch: 3.5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: Screw lock, fixing type: Air clamping (thread), packaging type: 56 mm wide strap

PCB headers, nominal cross section: 1.5 mm², color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Au, contact connection type: Pin, number of rows: 1, number of positions: 3, product range: MCV 1,5/..-GF-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 MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: 56 mm wide tape

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 dataProduct propertiesProduct type PCB headers
Product family MCV 1,5/..-GF-THR

Product line COMBICON Connectors S

Number of positions 3

Pitch 3.5 mm

Number of rows 1

Mounting flange Threaded flange

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 03

Electrical propertiesNominal current IN 8 A

Nominal voltage UN 160 V

Contact resistance 4 mΩ

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

Flange

Tightening torque 0.3 Nm

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 partially gold-plated

Metal surface contact area (top layer) Gold (0.8 - 1.4 µm Au)

Metal surface contact area (middle layer) Nickel (2 - 4 µm Ni)

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

Metal surface soldering area (middle layer) Nickel (2 - 4 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

DimensionsDimensional....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 3-GF-3,5 P14 AUTHRR56 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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