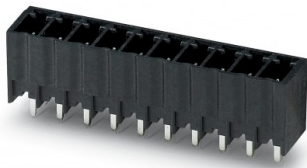


## INDUSTRIAL COMPONENT DATA

**MCV 1,5/ 8-G-3,5 CP1 P14THRR56 1076828 PHOENIX  
CONTACT MCV 1,5/ 8-G-3,5 CP1 P14THRR56 1076828**

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 8-G-3,5 CP1 P14THRR56



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCV 1,5/ 8-G-3,5 CP1 P14THRR56  |
| Catalog number  | 1076828                         |
| Category        | Printed circuit board connector |
| Minimum order   | 1000 Pcs                        |
| Document ID     | EO-B8FAD7AB52                   |
| Generated       | 2026-08-06                      |

**Product Overview**

MCV 1,5/ 8-G-3,5 CP1 P14THRR56 - 1076828

Printed circuit board base case, nominal section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 8, family of articles: MCV 1.5/..-G-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: without, fixing type: without, packaging type: 56 mm wide strap

PCB headers, nominal cross section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 8, product range: MCV 1.5/..-G-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: without, mounting: without, 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 &gt; PCB Connectors (PCC)

**Additional Product Information**

Technical dataProduct propertiesProduct type PCB headers

Product family MCV 1,5/..-G-THR

Product line COMBICON Connectors S

Type Component suitable for through hole reflow

Number of positions 8

Pitch 3.5 mm  
Number of rows 1  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 00  
Electrical propertiesNominal current IN 8 A  
Nominal voltage UN 160 V  
Contact resistance 1.6 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 / 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 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  
DimensionsDimensional drawing  
Pitch 3.5 mm  
Width....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 8-G-3,5 CP1 P14THRR56 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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