

## INDUSTRIAL COMPONENT DATA

# MCV 1,5/ 2-G-3,5 BK CP2 1047050 PHOENIX CONTACT

## Housing base printed circuit board, number of poles: 2, pitc..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 2-G-3,5 BK CP2



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCV 1,5/ 2-G-3,5 BK CP2         |
| Catalog number  | 1047050                         |
| Category        | Printed circuit board connector |
| Minimum order   | 250 Pcs                         |
| Document ID     | EO-25142CEA78                   |
| Generated       | 2026-08-06                      |

### Product Overview

Housing base printed circuit board, number of poles: 2, pitch: 3.5 mm, color: black

Printed circuit board base housing, 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: 2, family of articles: MCV 1.5/.. -G, pitch: 3.5 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.4 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: boxed

PCB base socket, nominal cross-section: 1.5 mm<sup>2</sup>, colour: black, rated current: 8 A, dimensioning voltage (III/2): 160 V, contact surface: Sn, contact connection type: plug, number of rows: 1, number of poles: 2, product series: MCV 1.5/.. -G, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, pin length [P]: 3.4 mm, number of solder pins per potential: 1, plug system: COMBICON MC 1.5, Insertion pin orientation: Standard, locking: none, fixing type: none, packaging type: packed in carton

## 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 dataArticle featuresProduct Type Basic socket for printed circuit boards

Product Family MCV 1.5/.. -G

Product Line COMBICON Connectors S

Number of poles 2

Step 3.5 mm

Number of rows 1  
Pin Layout Linear Pinning  
Number of Welding Pins per Potential 1  
Data maintenance status  
Article review 00  
Electrical characteristicsRated Current IN 8 A  
Rated voltage UN 160 V  
Mass Resistivity 1.8 m?  
Sizing voltage (III/3) 160 V  
Sizing impulse voltage (III/3) 2.5 kV  
Sizing voltage (III/2) 160 V  
Sizing Impulse Voltage (III/2) 2.5 kV  
Sizing voltage (II/2) 250 V  
Sizing Impulse Voltage (II/2) 2.5 kV  
MontageMounting type Wave Soldering  
Pin Layout Linear Pinning  
Material informationMaterial information - contacts  
note Complies with WEEE/RoHS, no thread-like materials according to IEC 60068-2-82/JEDEC JESD 201  
Contact Material Cu Alloy  
Surface Finish Galvanic tin plating  
Metal surface contact zone (surface layer) Tin (3 - 5 um Sn)  
Metal surface contact area (middle layer) Nickel (1 - 3 um Ni)  
Metal Surface Welding Area (Surface Layer) Tin (3 - 5 um Sn)  
Metal Surface Weld Area (Middle Layer) Nickel (1 - 3 um Ni)  
Material information - case  
Color (Case) Black (9005)  
Insulation material PBT  
Insulation Material Group IIIa  
CTI according to IEC 60112 225  
Combustibility class according to UL 94 V0  
dimensionsDimensioned Drawing  
Step 3.5 mm  
Width [w] 8.4 mm  
Height [h] 12.6 mm  
Length [l] 7.25 mm  
Installation Height 9.2 mm  
Weld Shank Length [P] 3.4 mm  
Shank sizes 0.8 x 0.8 mm  
Printed circuit board des...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 2-G-3,5 BK CP2 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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