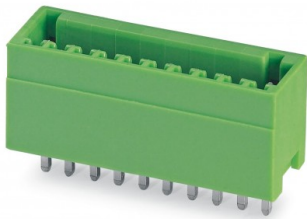


## INDUSTRIAL COMPONENT DATA

# MCV 0,5/ 7-G-2,5 GY 1100237 PHOENIX CONTACT Housing base printed circuit board, number of poles: 7, pitch: 2..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/ 7-G-2,5 GY



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCV 0,5/ 7-G-2,5 GY             |
| Catalog number  | 1100237                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-36EE3F0AC0                   |
| Generated       | 2026-08-06                      |

## Product Overview

Housing base printed circuit board, number of poles: 7, pitch: 2.5 mm, color: gray

Printed circuit board base housing, nominal section: 0.5 mm<sup>2</sup>, color: gray, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 7, article family: MCV 0,5/..-G, pitch: 2.5 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON FK-MC 0,5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: boxed

PCB headers, nominal cross section: 0.5 mm<sup>2</sup>, color: gray, nominal current: 4 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 7, product range: MCV 0,5/..-G, pitch: 2.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON FK-MC 0,5, 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

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

## Additional Product Information

Technical dataProduct propertiesProduct type PCB headers

Product family MCV 0,5/..-G

Product line COMBICON Connectors XS

Number of positions 7

Pitch 2.5 mm

Number of rows 1  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 00  
Electrical propertiesNominal current  $I_N$  4 A  
Nominal voltage  $U_N$  160 V  
Contact resistance 2 m $\Omega$ ?  
Rated voltage (III/3) 80 V  
Rated surge voltage (III/3) 1.5 kV  
Rated voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 320 V  
Rated surge voltage (II/2) 2.5 kV  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
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  $\mu\text{m}$  Sn)  
Metal surface contact area (middle layer) Nickel (1 - 3  $\mu\text{m}$  Ni)  
Metal surface soldering area (top layer) Tin (3 - 5  $\mu\text{m}$  Sn)  
Metal surface soldering area (middle layer) Nickel (1 - 3  $\mu\text{m}$  Ni)  
Material data - housing  
Color (Housing) gray (7042)  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2-13 775  
Temperature for the ball pressure test according to EN 60695-10-2 125 °C  
DimensionsDimensional drawing  
Pitch 2.5 mm  
Width [w] 19.7 mm  
Height...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 0,5/ 7-G-2,5 GY 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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