

## INDUSTRIAL COMPONENT DATA

# MCO 1,5/ 5-G1L-3,5 GN 2201422 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCO 1,5/ 5-G1L-3,5 GN



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCO 1,5/ 5-G1L-3,5 GN           |
| Catalog number  | 2201422                         |
| Category        | Printed circuit board connector |
| Minimum order   | 100 Pcs                         |
| Document ID     | EO-7850019DC4                   |
| Generated       | 2026-08-02                      |

### Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact type: Male, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: MCO 1,5/..-G1L, pitch: 3.5 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, locking: without, Item with side pin output on the left

PCB headers, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Pin, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MCO 1,5/..-G1L, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Orthogonal, locking: without, Product with pin output on left side

## 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 > Housing (HS)

### Additional Product Information

Technical dataProduct propertiesProduct type PCB headers

Product family MCO 1,5/..-G1L

Number of positions 5

Pitch 3.5 mm

Number of connections 5

Number of rows 1

Number of potentials 5  
Pin layout Linear pinning  
Data management status  
Article revision 00  
Electrical propertiesNominal current  $I_N$  8 A  
Nominal voltage  $U_N$  160 V  
Contact resistance 1.6 m $\Omega$   
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) 320 V  
Rated surge voltage (II/2) 2.5 kV  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
Material specificationsMaterial data - contact  
Contact material Cu alloy  
Surface characteristics tin-plated  
Material data - housing  
Color (Housing) green (6021)  
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 3.5 mm  
Width [w] 19.95 mm  
Height [h] 17.8 mm  
Length [l] 14.55 mm  
Solder pin length [P] 2 mm  
Pin dimensions 0.8 x 0.8 mm  
PCB design  
Hole diameter 1.2 mm  
Mechanical testsVisual inspection  
Specification IEC 60512-1-1:2002-02  
Result Test passed  
Dimension check  
Specification IEC 60512-1-2:2002-02  
Result Test passed  
Resistance of inscriptions  
Specification IEC 60068-2-70:1995-...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCO 1,5/ 5-G1L-3,5 GN 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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