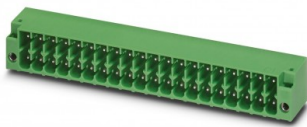


## INDUSTRIAL COMPONENT DATA

# DMC 1,5/ 7-G1F-3,5-LR P35 1053870 PHOENIX CONTACT

## Housing base for printed circuit board, nominal current: 8..

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/ 7-G1F-3,5-LR P35



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DMC 1,5/ 7-G1F-3,5-LR P35       |
| Catalog number  | 1053870                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-2B51003C98                   |
| Generated       | 2026-08-03                      |

### Product Overview

Housing base for printed circuit board, nominal current: 8 A, voltage and sizing (III/2): 160 V, number of poles: 7, pitch: 3.5 mm, color: green, surface of contact: Tin, assembly: wave Soldering

Printed circuit board base case, nominal section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 14, number of rows: 2, number of poles: 7, number of connections: 14, family of articles: DMC 1.5/.. -G1F, pitch: 3.5 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON DFMC 1.5, Plug-in face orientation: Standard, lock: Snap-in lock, fixing type: Lock & Release air clamping (thread), packaging type: boxed 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: 14, number of rows: 2, number of positions: 7, number of connections: 14, product range: DMC 1.5/.. -G1F, pitch: 3.5 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 DFMC 1.5, Pin connector pattern alignment: Standard, locking: Lock-and-release locking system, mounting: Lock & release threaded flange, type of pack...

## 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 DMC 1.5/.. -G1F

Product line COMBICON Connectors S

Number of positions 7

Pitch 3.5 mm  
Number of connections 14  
Number of rows 2  
Number of potentials 14  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 00  
Electrical propertiesNominal current  $I_N$  8 A  
Rated voltage  $U_N$  160 V  
Contact resistance 3 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 Wave soldering  
Pin layout Linear pinning  
Flange  
Tightening torque 0.2 Nm  
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 (4 - 8  $\mu\text{m}$  Sn)  
Metal surface contact area (middle layer) Nickel (1.5 - 4  $\mu\text{m}$  Ni)  
Metal surface soldering area (top layer) Tin (4 - 8  $\mu\text{m}$  Sn)  
Metal surface soldering area (middle layer) Nickel (1.5 - 4  $\mu\text{m}$  Ni)  
Material data - housing  
Color (Housing) Green (6021)  
Insulating material PBT  
Insulating material group IIIa  
CTI according to IEC 60112 225  
Flammability rating according to UL 94 V0  
DimensionsDimensional drawing  
Pitch 3.5 mm  
Width [w] 31.5 mm  
Height [h] 14.3 mm  
Length [l] 11.6 mm  
Installed height 10.8 mm  
Solder pin length [P] 3.5 mm  
Pin dimensions 0.8 x 0.8 mm  
P...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/ 7-G1F-3,5-LR P35 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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