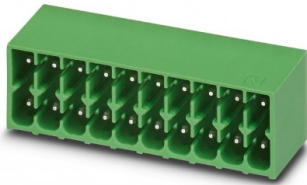


## INDUSTRIAL COMPONENT DATA

# DMC 1,5/10-G1-3,5 P35 1053820 PHOENIX CONTACT Housing base for printed circuit board, nominal current: 8 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: DMC 1,5/10-G1-3,5 P35



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | DMC 1,5/10-G1-3,5 P35           |
| Catalog number  | 1053820                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-9D09B8A8C1                   |
| Generated       | 2026-08-04                      |

## Product Overview

Housing base for printed circuit board, nominal current: 8 A, voltage and sizing (III/2): 160 V, number of poles: 10, pitch: 3.5 mm, color: green, surface of contact: Tin, assembly: wave Soldering

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 surface: Tin, contact type: Male, number of potentials: 20, number of rows: 2, number of poles: 10, number of connections: 20, family of articles: DMC 1.5/.. -G1, pitch: 3.5 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 DFMC 1.5, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: boxed

## 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 dataItem PropertiesProduct Type Printed circuit board base housing

Product Family DMC 1.5/.. -G1

Product Line COMBICON Connectors S

Number of poles 10

Step 3.5 mm

Number of connections 20

Number of rows 2

Number of potentials 20

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 1

Data Maintenance Status

Article Review 00

Electrical PropertiesNominal Current IN 8 A

Nominal voltage UN 160 V

Contact resistance 3 m?

Sizing voltage (III/3) 160 V

Dimensioning transient voltage (III/3) 2.5 kV

Dimensioning voltage (III/2) 160 V

Dimensioning Transient Voltage (III/2) 2.5 kV

Nominal voltage (II/2) 250 V

Dimensioning transient voltage (II/2) 2.5 kV

assemblyType of mounting Wave soldering

Pin Design Linear Pin Arrangement

Material DataMaterial data - contact

Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu Alloy

Surface Characteristics Galvanically tinned

Metal surface contact area (top layer) Tin (4 - 8 um Sn)

Metal Surface Contact Area (Middle Layer) Nickel (1.5 - 4 um Ni)

Metal surface weld area (top layer) Tin (4 - 8 um Sn)

Metal Surface Welding Area (Middle Layer) Nickel (1.5 - 4 um Ni)

Material data - housing

Color (Housing) Green (6021)

Insulating material PBT

Insulating material group IIIa

CTI according to IEC 60112 225

Flammability class according to UL 94 V0

DimensionsDimension Scheme

Step 3.5 mm

Width [w] 35.8 mm

Height [h] 14.3 mm

Length [l] 11.6 mm

Overall Height 10.8 mm

Weld Pin Leng...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DMC 1,5/10-G1-3,5 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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