

## INDUSTRIAL COMPONENT DATA

# MC 1,5/ 6-G-3,5 AU 1858303 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 6-G-3,5 AU



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MC 1,5/ 6-G-3,5 AU              |
| Catalog number  | 1858303                         |
| Category        | Printed circuit board connector |
| Minimum order   | 100 Pcs                         |
| Document ID     | EO-8577714710                   |
| Generated       | 2026-08-06                      |

### 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 surface: Gold, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: MC 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

## 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

Key Commercial Data

Orderkey 1858303

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918265267

Weight per Piece (excluding packing) 1.550 g

Custom tariff number 85366990

Country of origin DE (Germany)

Item properties

Brief article description Feed-through header

Plug-in system MINI COMBICON

Type of contact Male connector

Range of articles MC 1,5/...-G

Pitch 3.5 mm

Number of positions 6

Mounting type Wave soldering

Pin layout Linear pinning

Locking without

Number of levels 1

Electrical parameters

Rated current 8 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Selective coating

Metal surface contact area (top layer) Gold (0.8 - 1.4 µm Au)

Metal surface contact area (middle layer) Nickel (2 - 3 µm Ni)

Metal surface soldering area (top layer) Gold (0.8 - 1.4 µm Au)

Metal surface soldering area (middle layer) Nickel (2 - 3 µm Ni)

Material data - housing

Insulating material PBT

Insulating material group IIIa

CTI according to IEC 60112 225

Flammability rating according to UL 94 V0

Dimensions for the product

Length [ l ] 9.2 mm

Width [ w ] 22.4 mm

Height [ h ] 10.65 mm

Pitch 3.5 mm

Height (without solder pin) 7.25 mm

Solder pin [P] 3.4 mm

Pin dimensions 0.8 x 0.8 mm

Dimension a 17.5 mm

Packaging information

Type of packaging packed in cardboard

Pieces per package 50

Denomination packing uni...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 6-G-3,5 AU 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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