INDUSTRIAL COMPONENT DATA

# MC 1,5/ 6-G-3,5 GY AU 1766006 PHOENIX CONTACT Printed-circuit board connector

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



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MC 1,5/ 6-G-3,5 GY AU |
| Catalog number | 1766006 |
| Category | Printed circuit board connector |
| Minimum order | 100 Pcs |
| Document ID | EO-AE1A62DB7B |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 1.5 mm², color: gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact connection 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, locking: 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

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

## Additional Product Information

Key Commercial Data
Orderkey 1766006
Packing unit 1
GTIN 4046356514446
Custom tariff number 85366930
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
Number of connections 6
Number of potentials 6
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 units Pcs.
Ambient conditions
Ambient temperature (storage/trans...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 1,5/ 6-G-3,5 GY AU with the required quantity to info@electricaonline.com or use 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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