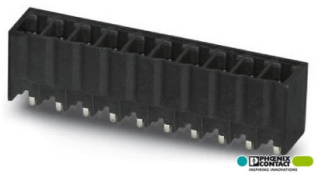
INDUSTRIAL COMPONENT DATA

# MCV 1,5/ 6-G-3,81 P14 THR 1707049 PHOENIX CONTACT Header, Nominal current: 8 A, Rated voltage (III/2): 160 V..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/ 6-G-3,81 P14 THR**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MCV 1,5/ 6-G-3,81 P14 THR |
| Catalog number | 1707049 |
| Category | Printed circuit board connector |
| Minimum order | 100 Pcs |
| Document ID | EO-3CCF00AE48 |
| Generated | 2026-11-18 |

## Product Overview

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.81 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under “Downloads”
Printed circuit board base case, nominal section: 1.5 mm², color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: MCV 1.5/.. -G-THR, pitch: 3.81 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 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, More user information and design recommendations on Through Hole Reflow technology can be found at: Downloads

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

Dimensions
Length 7.25 mm
Pitch 3.81 mm
Dimension a 19.05 mm
Constructional height 9.2 mm
Length of the solder pin 1.4 mm
Pin dimensions 0,8 x 0,8 mm

Hole diameter 1.4 mm
General
Range of articles MCV 1,5/..-G-THR
Insulating material group IIIa
Rated surge voltage (III/3) 2.5 kV
Rated surge voltage (III/2) 2.5 kV
Rated surge voltage (II/2) 2.5 kV
Rated voltage (III/3) 160 V
Rated voltage (III/2) 160 V
Rated voltage (II/2) 250 V
Connection in acc. with standard EN-VDE
Nominal current IN 8 A
Maximum load current 8 A
Insulating material LCP
Flammability rating according to UL 94 V0
Color black
Number of positions 6

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/ 6-G-3,81 P14 THR 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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