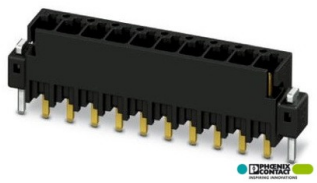
INDUSTRIAL COMPONENT DATA

# MCV 0,5/ 8-G-2,54 P20THRR44C1 1706180 PHOENIX CONTACT Header, Nominal current: 6 A, Rated voltage (III/2): 1..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/ 8-G-2,54 P20THRR44C1**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MCV 0,5/ 8-G-2,54 P20THRR44C1 |
| Catalog number | 1706180 |
| Category | Printed circuit board connector |
| Minimum order | 315 Pcs |
| Document ID | EO-B128BE69BD |
| Generated | 2026-11-18 |

## Product Overview

Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: Taped SMD/THT/THR components, Fixed coding of the first position, can be combined with the FMC 0,5/...-ST-2,54 C1 connector

Printed circuit board base housing, nominal section: 0.5 mm², color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Male, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of articles: MCV 0.5/.. -G-THR, pitch: 2.54 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 44 mm wide strap, Fixed first pole coding, can be combined with FMC 0.5/...-ST-2.54 C1 connector

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 4.8 mm
Pitch 2.54 mm
Dimension a 17.78 mm
Width 24.86 mm

Height 7.1 mm
Length of the solder pin 2 mm
Pin dimensions 0,64 x 0,64 mm
Hole diameter 1.2 mm
General
Range of articles MCV 0,5/..-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) 32 V
Rated voltage (III/2) 160 V
Rated voltage (II/2) 160 V
Connection in acc. with standard EN-VDE
Nominal current IN 6 A
Insulating material LCP
Flammability rating according to UL 94 V0
Color black
Number of positions 8

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 0,5/ 8-G-2,54 P20THRR44C1 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.