INDUSTRIAL COMPONENT DATA

# PCV 6-16/ 3-G1F-10,16 GY 1704047 PHOENIX CONTACT Feed-through header

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PCV 6-16/ 3-G1F-10,16 GY**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PCV 6-16/ 3-G1F-10,16 GY |
| Catalog number | 1704047 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-1957AC59CB |
| Generated | 2026-11-19 |

## Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 16 mm², color: gray, nominal current: 76 A (41 A in combination with PC 6 connector), nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Male, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: PCV 6-16/.. -G1F, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 16, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), 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 1704047
Packing unit 1
GTIN 4046356672832
Custom tariff number 85366930
Dimensions
Length [ l ] 13.4 mm
Width 48.24 mm
Pitch 10.16 mm

Dimension a 20.32 mm
Width [ w ] 48.24 mm
Height [ h ] 38 mm
Height 34 mm
Length of the solder pin 4 mm
Pin dimensions 1 x 1.2 mm
Length 13.4 mm
General
Range of articles PCV 6-16/..-G1F
Rated voltage (III/3) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 76 A
Color gray
Number of positions 3
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402
ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637
UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC 13.239121409

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCV 6-16/ 3-G1F-10,16 GY 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.