

INDUSTRIAL COMPONENT DATA

PCV 6-16/ 2-G1F-10,16 1998865 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PCV 6-16/ 2-G1F-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PCV 6-16/ 2-G1F-10,16
Catalog number	1998865
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-17BD9F9F4B
Generated	2026-07-31

Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 16 mm², color: green, 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: 2, number of rows: 1, number of poles: 2, number of connections: 2, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1998865

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4046356038362

Weight per Piece (excluding packing) 13.200 g

Custom tariff number 85366930

Country of origin PL (Poland)

Dimensions

Length [l] 13.4 mm

Width 38.08 mm

Pitch 10.16 mm

Dimension a 10.16 mm

Width [w] 38.08 mm

Height [h] 34 mm

Height 38 mm

Length of the solder pin 4 mm

Pin dimensions 1 x 1.2 mm

Pin spacing 10.16 mm

Length 13.4 mm

General

Range of articles PCV 6-16/..-G1F

Insulating material group I

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 kV

Rated voltage (III/3) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 76 A (41 A in combination with PC 6 plug)

Maximum load current 76 A (41 A in combination with PC 6 plug)

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 2

General information

Note In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCV 6-16/ 2-G1F-10,16 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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