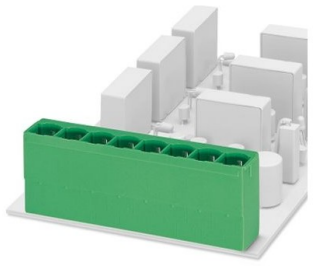
INDUSTRIAL COMPONENT DATA

PCV 6-16/ 2-G-10,16 1922488 PHOENIX CONTACT Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PCV 6-16/ 2-G-10,16
Catalog number	1922488
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-55AE7A1698
Generated	2026-11-19

Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 6 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, article family: PCV 6-16/.. -G, pitch: 10.16 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 4 mm, number of soldering pins per potential: 3, plug-in system: COMBICON PC 16, Plug-in face orientation: Standard, locking: without, fixing type: without, packaging type: box-packed, The 76 A rated current is valid in combination with PC 16 family connectors. In combination with PC 6 connectors, 41 A (50 A according to UL) is achieved.

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 1922488
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 195 (CC-2002)
GTIN 4017918726980
Weight per Piece (excluding packing) 7.680 g
Custom tariff number 85366930

Country of origin PL (Poland)
Dimensions
Length [l] 13.4 mm
Pitch 10.16 mm
Dimension a 10.16 mm
Height [h] 34 mm
Height 29 mm
Length of the solder pin 4 mm
Pin dimensions 0.8 x 1.2 mm
Pin spacing 10.16 mm
Length 13.4 mm
General
Range of articles PCV 6-16/..-G
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) 630 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
Insulating material PA
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
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 5.0E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCV 6-16/ 2-G-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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