INDUSTRIAL COMPONENT DATA

PCV 6-16/ 9-G1F-10,16 1996414 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PCV 6-16/ 9-G1F-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PCV 6-16/ 9-G1F-10,16
Catalog number	1996414
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-4BD6E46042
Generated	2026-11-19

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: 9, number of rows: 1, number of poles: 9, number of connections: 9, 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 1996414
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 569 (C-1-2013)
GTIN 4046356038157
Weight per Piece (excluding packing) 41.140 g
Custom tariff number 85366930

Country of origin PL (Poland)
Dimensions
Length [l] 13.4 mm
Width 109.2 mm
Pitch 10.16 mm
Dimension a 81.28 mm
Width [w] 109.2 mm
Height [h] 38 mm
Height 34 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 9
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
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCV 6-16/ 9-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

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.