INDUSTRIAL COMPONENT DATA

PC 6-16/ 2-G1F-10,16 BK 1003299 PHOENIX CONTACT Feed-through header

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6-16/ 2-G1F-10,16 BK
Catalog number	1003299
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-3AABC3E442
Generated	2026-11-18

Product Overview

Feed-through header
Printed circuit board base housing, nominal section: 16 mm², color: black, nominal current: 76 A (41 A in combination with PC 6 connector), nominal voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Male, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, item family: PC 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 locking, clamping 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 1003299
Packing unit 1
GTIN 4055626471259
Custom tariff number 85366930
Dimensions
Length [l] 34 mm
Width 38.08 mm
Pitch 10.16 mm

Dimension a 10.16 mm
Width [w] 38.08 mm
Height [h] 17.4 mm
Height 13.4 mm
Length of the solder pin 4 mm
Pin dimensions 1 x 1.2 mm
Pin spacing 10.16 mm
Length 34 mm
General
Range of articles PC 6-16/..-G1F
Insulating material group I
Rated surge voltage (III/3) 8 kV
Rated surge voltage (III/2) 8 kV
Rated surge voltage (II/2) 6 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 black
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
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 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 9.027440402
ETIM 6.0EC002637

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6-16/ 2-G1F-10,16 BK 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.