

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-3467A20610
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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)
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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 I_N 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

ETIM for 1003299 Connectors (EC002637)

Feature Name

Feature Value

Connector model (...)

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

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